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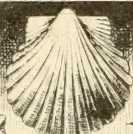
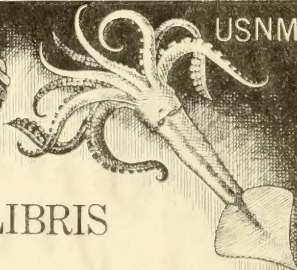
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CATALOGUE

OF THE

RECENT SHELLS

IN THE

Division of Mollusk
Sectional Library

MUSEUM,

ASIATIC SOCIETY OF BENGAL.

BY

W. THEOBALD, JUNIOR.

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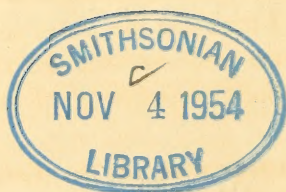
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PREFARATORY REMARKS.

THE present Catalogue is the result of a wish long entertained by me to alter and remedy, on the first opportunity, the negligent arrangement and generally unsatisfactory condition of the recent Shells in the Museum of the Asiatic Society of Bengal, and to introduce a better arrangement into this important department, without which the collection can offer but slight attractions to the general visitor, or instruction to the student, and with the aid and approbation of the President and Secretary I have prepared for publication a Catalogue of them, which may assist the student, without aiming, however, at giving more than brief information regarding Distribution, Synonymy, &c.—leaving those desirous of fuller information on the subject to refer to standard works.

Whilst hoping that the present Catalogue will meet a want much felt at present, I trust that the above remarks as to its scope may divert severe criticism from the shortcomings of the work either as respects execution or extent.

In the general arrangement of the Catalogue I have followed the excellent little Manual of Conchology, by Woodward, but in particular families (*Helicidae*, *Cyclostomidae*, and *Auriculidae*) I have adhered to the arrangement adopted by Pfeiffer in his monographs of those families, and from the

latest edition of those works have extracted a table of genera for the convenience of those who may not have means of referring to them. The following are the works which I have mainly consulted in preparing the present Catalogue: Reeve's *Conchologia Iconica*. Woodward's *Manual of the Mollusca*; Sowerby's *Thesaurus Conchyliorum*; Pfeiffer's *Monographia Heliceorum—Auriculaceorum* and *Pneumonomorum*; and the *Magazine of Natural History*.

The system of using different colors to proclaim the locality of the species, which had been partially adopted on the collection, has been so far retained that all Marine Shells of the Indo-Pacific region are mounted on *Pink* paper, whilst Shells from all other or unknown localities are mounted on *Green*.

It is much to be regretted that the donors or authentic localities of so many shells are unknown* but this last deficiency I have, where practicable, remedied, by adding the known or recorded habitat of the species.

Those localities, *which appear to have been recorded by the donors, and from which the specimens seem to have been obtained, are printed in italics, which is not done with those

* Since penning these remarks, I have come across a Report of the Section of Natural History signed by Messrs. Grant, Walker, Cantor, and Laidlay, and published in 1848, which goes far to explain the causes of the state in which the shell collection was. The details of this Report are perfectly lamentable and need not be repeated here, but I deem it my duty as a member of the Section of Natural History to record my very deep regret at the utter disregard of the views therein enunciated, and at the continuance down to the present hour of the same vicious, desultory system, which has brought such ruin on the collections of the Society, and contempt on its management.

localities referring to the general distribution of the species, or which have been filled up from other sources.

The authenticity of some of the localities printed in italics, is very doubtful, but in such cases I have merely given the locality attached to the specimen, leaving the point to be cleared up by future enquiry.

A considerable number of the shells in the collection were named when I undertook their arrangement, but as I have gone over and verified the name of most of the shells. I alone am responsible for any errors in the determination of species which may hereafter be detected.

Many species are not determined to my own satisfaction, but such must ever be the case where no means exist for comparing obscure or doubtful shells with other collections, and a mere figure and meagre description, (and Reeve's descriptions are too often such) are all one's available resources.

Many of the shells in the collection are in very poor order, and others have been more or less injured by want of care, and the use of wax in mounting them (a plan ill suited for any shells, specially delicate ones), and the accumulation of dust in the cases, which in some places was $\frac{1}{4}$ of an inch thick. The Rotellæ have been entirely stripped of their beautiful polish by the action of some microscopic confervoid growth, which a varnish would probably obviate, and this circumstance, (the liability of highly polished shells to be deprived of their lustre even in close cases,) should be borne in mind, and a remedy applied in future.

As a closing remark I may here appropriately allude to the principal donors of Shells to the Museum. From Dr. Tonnere, the Society has received many interesting Shells from the Society and Navigators' Islands. From Messrs. Asphar and MacLeod, Shells from Penang and the Bay of Bengal. From Messrs. H. E. Strickland and Malherbe, Shells from Europe, especially land shells from the latter. From Messrs. Abbot and Strange, Shells from Australia; and others from New Zealand from Mr. Hart. From Mr. Lietard Shells from Mauritius and St. Diego, (California.) From Mr. E. L. Layard from Ceylon; and Shells from miscellaneous localities from Mrs. Thomas, Messrs. Von der Busch, Russel, Hufnagle, Mitchell, Robinson, Captains Halsted, Hutton, and others whose names may be met with in the Catalogue.

CATALOGUE OF SHELLS
IN THE
MUSEUM OF THE ASIATIC SOCIETY OF BENGAL.

By W. THEOBALD, Junr., Asst. Geological Survey.

Class I. CEPHALOPODA.

Order I. DIBRANCHIATA. Owen.

Section A. Octopoda.

Fam. ARGONAUTIDÆ.

Gen. ARGONAUTA. Lin.

1. A. ———

Section B. Decapoda.

Fam. SPIRULIDÆ.

Gen. SPIRULA. Lam.

1. S. Peronii, W. Lea, Esq.
Antilles.

2. S. ——— Mr. Strange.
Australia.

Order II. TETRABRANCHIATA.

Fam. NAUTILIDÆ.

Gen. NAUTILUS. Breynius.

1. N. Pompilius.

1. N. Do. (with outer surface removed by filing).

CATALOGUE OF SHELLS.

Class II, GASTEROPODA.

Order I. PROSOBRANCHIATA.

Section A. Siphonostomata.

(Carnivorous Gasteropods).

Fam. STROMBIDÆ.

Gen. STROMBUS *L.*

1. *S. Accipitrinus*, Lin.
S. Costatus Gmel.
West Indies.
2. *S. Lentiginosus*, Lin.
S. Latissimus.
Philippines.
Timor. Soc. Cab.
3. *S. Auris Dianæ*, Lin. Soc. Cab.
Timor, Philippines.
4. *S. Gibberulus*, Lin.
Philippines, Red Sea.
5. *S. Urceus*, Lin.
Philippines.
6. *S. Ruppelii* (?)
Bay of Bengal.
7. *S. Luhuanus*, Lin. Mr. Abbot.
Torres Straits.
8. *S. Mauritianus*, Lam. Mr. Lietard.
St. Diego. California.
9. *S. Variabilis* Swainson.
Philippines, Zanzibar.
10. *S. Pugilis*, Lin. Von de Busch.
West Indies.

11. *S. Canarium*, Lin.
Ceylon. Philippines.

12. *S. Vittatus*, Lin.
Philippines.

13. *S.* ——— Mr. Lietard.
St. Diego.

14. *S.* ———
Bay of Bengal.

15. *S. Lineatus*, Lam.
Red Sea.

16. *S. Columba*, Lam.
Zanzibar.

17. *S. Floridus*, Lam.
Philippines Society Islands.

Gen. PTEROCERAS Lam.

1. *P. Chiragra*, Lin.

2. *P. Lambis* Lin.

3. *P. Rugosa*, Sow. J. W. Russel.

4. *Aurantia*, Lam.
Indian Seas.

Gen. ROSTELLARIA Lam.

1. *R. Curvirostris*.
Red Sea.

R. Cancellata.
Philippines.

3. *R. sp.*
Bay of Bengal.

4. *R. Fusus* Desh.
China.

Gen. SERAPHS. *Montfort.*

1. *S. Convolutum*,

Fam. MURICIDÆ.

Gen. MUREX, *Lin.*

1. *M. Ramosus*, *Lin.*
Eastern Seas.
2. *M. Palma-rosæ*, *Lam.*
Ceylon.
3. *M. Haustellum*, *Lin.*
Ceylon.
4. *M. Martinianus*.
5. *M. Cornutus*.
6. *M. Occa*, *Sow.*
Bay of Bengal.
7. *M. Pinnatus*, *Wood.*
China.
8. *M. Capucinus*, *Chem,* *F. W. Russel.*
Philippines.
9. *M. Torrefactus*, *Sow.*
Philippines.
10. *M. Palmiferus*.
11. *M. Adustus*, *Lam,*
Philippines.
12. *M. Tenuispina*, *Lam.*
Eastern Seas.

Gen. RANELLA.

1. *R. Albivaricosa*, Reeve.
Ceylon.
2. *R. Spinosa*, Lam.
Mauritius, Ceylon.
3. *R. Granifera*, Lam.
Philippines.
4. *R. Tuberculata*, Broderip.
Malacca.
5. *R. sp.*
6. *R. Papilla*, n. s. Mr. Strange.
Australia.
Distinguished by its smooth papillary Apex.

Gen. TRITON Lam.

1. *T. Variegatus*, Lam.
a. Eastern Seas.
b. West Indies.
2. *T. Lampas*, Lam.
Philippines.
3. *T. Spengleri*, Lam, Mr. Strange.
Australia.
4. *T. Femorale*, Lam. Von de Busch.
West Indies.
5. *T. Lotorium*, Lam.
Ceylon.
6. *T. Australis*, Lam.
Australia.

7. *T. Tripus*, Lam.
China.
8. *T. Pilearis*, Lam.
Philippines.
9. *T. Pfeifferianus*, Reeve.
10. *T. Gibbosus*, Broderip (var ?), Mr. Strange.
 Australia. *Panama.* ..
11. *T. Anus*, Lam.
 Ceylon.
12. *T. Cancellinus*, Desh.
 Ceylon, Philippines.

Gen. FASCIOLARIA Lam.

1. *F. Tulipa*, Lam, (var.) Von de Busch.
 St. Cruz.
 (Columella more curved than in Reeve's figure.)
2. *F. Filamentosa* Martini, (sp).
 a. Ceylon, Philippines.
 b. do. (?) rolled.
3. *F. Trapezium*, Lin, (sp). var. Soc. Cab.
 a. Philippine Islands.
 This is not so stout a shell as the one figured by Reeve,
 but seems merely a variety.
 b. var. juv. conspicuous from its white tubercles.
 Andamans.
4. *F. Australis*, Soc. Cab.
 F. Fusiformis Valenciennes ?
 New Holland.

Gen. TURBINELLA Lam.

1. *T. Pyrum*, Lin. (sp).
 Ceylon.

2. *T. Cornigera*, Lam.
Moluccas.

3. *T. Muricata*, Born, (sp).

4. *T. Nodala*, Martyn, (sp). Dr. Tonnere.
Panama. *Tahiti*.
Cancellima.

1. *C.* (sp.)

Gen. FICULA Swainson.

1. *F. Dussumieri*, Valenciennes.
China.

2. *F. Lævigata*, Reeve
F. ficus, Lin, (sp).
Eastern Seas.

3. *F. Reticulata*, Reeve.
F. Reticulata and F. Ficoides, Lam (sp) apud Reeve.

Gen. PYRULA. Lam.

1. *P. Bulbosa* Solander, (sp). Mr. McLeod.
Eastern Seas.

2. *P. Melongena*, Lin. (sp). Von de Busch.
Antilles, Eastern Seas.

3. *P. Bezoar*, Lin, (sp).
Eastern Seas.

4. *P. Spirillus*, Lin. (sp). E. L. Layard.
Eastern Seas.

5. *P. Tuba*, Gmel, (sp).
a. China, *Indian Ocean*.
b. do. Soc. Cab.

- | | |
|----------------------|----------------|
| 6. P. Pugilina Born, | Soc. Cab. |
| a. Eastern Seas. | |
| b. Persian Gulph. | Capt. Halsted. |

7. P. Lactea Reeve.
 Indian Ocean.

- | | |
|--------------------------|--------------|
| 8. P. Paradisaica Reeve, | Mr. Lietard. |
| a. <i>Mauritius</i> , | |
| b. Jiddha, | E. Blyth. |
| c. | Soc. Cab. |

- | | |
|----------------------------|-----------|
| 9. P. Patula Brod and Sow, | Soc. Cab. |
| Bay of Carraccas. | |

Gen. FUSUS Lam.

- | | |
|--------------------------|-------------|
| 1. F. Antiquus Lin (Sp.) | Mr. McLeod. |
| Northern Seas. | |

2. F. Longissimus Gmelin (Sp.)
 Ceylon.

- | | |
|--------------------------|-----------|
| 3. F. Laticostatus Desh. | Soc. Cab. |
| Ceylon. | |

- | | |
|-------------------------|--|
| 4. F. Turricula Kiener. | |
| China. | |

5. F. Colus Lin (Sp.)
 Ceylon. *Bay of Bengal.*

- | | |
|-------------------------|---------------|
| 6. F. Corneus Lin (Sp.) | Mr. Mitchell. |
| F. Islandicus Lam (Sp.) | |

7. F. Striatus' Reeves.
 F. Islandicus, var-Kiener.
 Massachussets.

This is very properly separated by Reeve, (who follows Deshayes) from the preceding shell. The habitat is not given by Reeve but the Society's specimens are from Massachussets.

8. F. Pyrulatus, Reeve.

Van Diemans Land.

9. F. Mandarinus, Duclos.

Mr. T. Hart.

New Zealand.

10. F. Cretaceus Reeve?

Messrs. Hart and Tonniere.

New Zealand.

11. F. Nodosus Martyn Sp.

New Zealand.

12. F. N. S. ?

Mr. Strange.

near F. Craticulatus, Blainville.

Australia.

13. F. Lineatus Chemn.

Mr. Hart.

New Zealand

14. F. N. S. ?

Mr. Strange.

Australia.

15. F. N. S. ?

Mr. Strange.

Australia.

Fam. BUCCINIDÆ.

Gen. BUCCINUM LIN.

1. B. Undatum, L.

a. *Salem.*

b. *Britain.*

H. E. Strickland.

2. B. Melanostoma, Sow.

Ceylon.

3. B. Sp. near B. Porcatum Gmelin. Mrs. Thomas.

4. B. Sp. (near B. Anglicanum Martini.) Mrs. Thomas.
 5. B. Trivittatum Say.
Massachussets.
 6. B. Sp. Mrs. Thomas.
 7. B. Sp. (near B. Sertum Brug.)
 8. B. (*Pollia*) undosum.
Mauritius. Bombay.
 9. B. Sp.
 10. B. Lineolatum Lam.
B. Quoy Reeve.
New Zealand,
- Spire less elevated than in the figure of Reeve, and perhaps separable under Reeve's presumed distinct species dedicated to Mr. Quoy.
11. B. Testudineum, Martin. Messrs. Hart and Tonnerre
New Zealand.
 12. B. Maculatum Martyn. Messrs. Hart and Tonnerre
New Zealand.

The spire of these specimens is more elevated than in those figured by Reeve.

13. B. Obsoletum Say.
Salem Mass.

A handsome dark brown shell. Columella callous with a conspicuous white band inside in the interior. It is most nearly allied to B lineare the name attached to the shell is not contained in Reeve's Monograph.

14. B. Acutinodosum.
South Australia.
15. B. Sp. Mr. Laidlay.
16. B. Sp. Mrs. Thomas.

Gen. TEREBRA BRUG.

1. T. Maculata Lam.
Indian and Pacific Oceans, *Maldives*.
2. T. Oculata Lam.
South Pacific — Moluccas.
3. T. Dimidiata Lam, Mr. Lietard.
Rodrigues, Society Islands.
4. T. Duplicata Lam.
Madagascar Singapore.
5. T. Subulata Lam.
Society Islands, Moluccas.
6. T. Tigrina Gray, Mr. Lietard.
Diego.
Madagascar, Singapore.
7. T. Crenulata Lam. Mr. Lietard.
Society Islands, *Diego*.
8. J. Straminea Gray.
China Seas.
9. T. Cærulescens Lam.
New Holland, Society Islands
10. T. Sp. (near T. Spectabilis Hinds.)
11. T. Luctuosa Hinds var.
Australia.
12. T. Muscaria Lam.
Society Islands.

Gen. BULLIA GRAY.

- | | | |
|----|--|-------------------|
| 1. | B. Armata Gray. | Mrs. Thomas. |
| 2. | B. Livida Reeve.
Zanzibar. | Soc. Cab. |
| 3. | B. Digitalis Menschen. (sp).
<i>B. Achatinum Lam.</i> | Mrs. Thomas. |
| 4. | B. Insignis n. s.
<i>New Zealand.</i> | Mr. Hart. |
| 5. | B. n. s.
<i>New Zealand.</i> | Mr. Hart. |
| 6. | B. Rhodostoma Gray. | Captain Haughton. |

Gen. EBURNA. LAM.

- | | | |
|----|----------------------------------|-----------|
| 1. | E. Zeylanica Brug.
Ceylon. | Soc. Cab. |
| 2. | E. Spirata Lin. (sp).
Ceylon. | Soc. Cab. |

Gen. NASSA LAM.

- | | | |
|----|--|--------------------------------|
| 1. | N. Arcularia Lam,
a. Philippines,
b. Var dwarf, | Soc. Cab.

Soc. Cab. |
| 2. | N. Coronata, Lam ? var.
Madagascar. | Soc. Cab. |
| 3. | N. Monile Kiener.
<i>Penang, Philippines.</i> | Mr. Asphar. |
| 4. | N. Fasciata, Quoy.
a. <i>Australia</i>
b. Van Dieman Land, | Mr. Strange.

Mr. Abbot. |

These constitute two marked varieties var b. being the type figured by Reeve, whilst var a, is a more elongate shell handsomely tuberculated.

5. N. Glans, Lin (Sp.) Mr. Strange.
Australia, Philippines.
A much smaller variety than the type figured by Reeve.
6. N. Reticulata Lin (Sp.) H. E. Strickland.
Europe.
7. N. Ornata Kiener, Mr. Asphar.
Penang.
A variable shell but seems to belong to this species.
8. N. Sp.
9. N. Scalaris, A Adams ? E. L. Layard.
(barely adult.)
Ceylon.
10. N. Thersites Brug. Mr. Strange
Australia.
11. N. Mangeloides, Reeve ? Mr. Strange.
Australia.
12. N. Cancellata, Adams, ? var. Mr. Asphar.
Penang.
13. N. Sp. (like a dwarf, N. Thersites.)
14. N. Sp. Mr. Asphar.
Penang.
15. N. Sp. Mr. Strange.
Australia.

16. N. Abbreviata Wood, Mrs. Thomas.
Cape.
17. N. Mitralis var. Mr. Strange.
Australia. Philippines.
18. N. Olivacea. Mrs. Thomas.
West Indies.
19. N. Incrassata Gmel (sp.) H. E. Strickland.
Murex incrassatus Gmel.
Buccinum Macula Montagu.
Seas of Europe.
20. N. Sp. Mr. Strange.
Australia.
21. N. Foveolata, (?) M. Asphar.
Penang.

Gen. PUS. Montfort.

1. P. Senticosus, MacLeod, Esqr.

Gen. PURPURA Lam.

1. P. Persica, Lam.
a. Andamans.
b. Junior, Mrs. Thomas, Layard.
2. P. Bufo, Lam, W. Theobald, Jr.
a. Katiwar.
b. var, Soc. Cab.
3. P. Antipodum n. s. T. Hart, Esqr.
New Zealand.

4. *P. Succincta* Martyn (Sp.) Mr. Strange.
P. Striata Desh.
P. Textiliosa Lam.
 a. *Australia*, (*South ?*)
 b. *New Zealand*. Messrs. Hart & Tonnerre.

The two lower specimens or the tablet may be referred, to *P. Textiliosa* Lam, Reeve remarks that *P. Textiliosa* is "*amply* distinguished from *P. Succincta* *yet passes* into that species through a succession of intermediate states"!!

5. *P. Carinifera*. Lam.
 a.
 b. Mr. Asphar.
Penang.
6. *P. Sertum*, (?) Soc. Cab.
P. Bicostalis Lam, (?)
7. *P. Undata* Lam.
 West Columbia.
8. *P. Lapillus* Lam.
 a *Massachussets*.
 b. Mrs. Thomas.
 c.
9. *P. Hippocastanum* Lam. Soc. Cab.
 a. Eastern Seas. *Andamans*. *Mauritius*.
 b. do. var. Mr. Lietard.
Mauritius.
10. *P. Sacellum* Lam. W. Theobald junr.,
Bombay.

I think there is little doubt that this common littoral shell of Bombay is *P. Sacellum* of which Reeve does not give the habitat.

11. *P. Spiralis* Reeve.
12. *P. Scalariformis* Lam. W. Theobald, junr.
Bombay.
13. *P. Echinatula* Lam.
Andamans.
14. *P. Pica* Blainville,
Andamans.
15. *P. Kiosquiformis* var (?) Duclos.

Gen. CONCHOLEPAS FAVAN.

1. *C. Peruviana.* Lam.
Peru.

Gen. MONOCEROS Lam.

1. *M. Crassilabrum.*
Valparaiso.

Gen. RICINULA Lam.

1. *R. Horrida* Lam. Capt. Lewis.
Nicobars.
2. *R. Arachnoides.* Lam.
Philippines.
3. *R. Chrysostoma* Desh.
a. *Bombay.* W. Theobald, junr.
b c. *Ceylon.* E. L. Layard.
4. *R. Aspera.* Lam. E. L. Layard.
Philippines.

5. R. Tuberculata. De Blainville.
 a. *Australia*. M. Strange.
 b. *New Zealand* (young). Messrs Hart and Tonnerc.

6. R. sp. M. Lietard.
 Diego California.

7. R. sp. M. Lietard.
 Diego California.

Gen. PLANAXIS LAM.

- 1 P. Sulcata.
 a.
 b. *Mauritius*. M. Lietard.

Gen. MAGILUS MONTFORT.

1. M. Antiquus. Mont.
 Red Sea.

Gen. CASSIS Lam.

1. C. Rufa Lin. (sp.)
 Moluccas. Pacific Ocean.
2. C. Undata Desh.
 Philippines.
3. C. Glauca Lin.
 Philippines.
4. C. Tuberosa Brug. var.
 Philippines.
5. C. Pila. Reeve.
 China.
6. C. Arcola Lin.
 Philippines.

7. *C. Vibex* Lin.
Philippines. Pacific.
8. *C. Torquata*, Reeve.
New Holland.
9. *C. Bisulcata* Schubert and Wagner.
Luzon. Philippines.
10. *C. Semigranosa* Lam.
Van Dieman Land.
11. *C. Decussata*, Reeve.
12. *C. Canaliculata*, Brug.
Philippines.
13. *C. Pyrum*, Lam. var.
Van Dieman's Land.

Gen. CASSIDARIA. Lam.

1. *C. Echinophora*.
Mediterranean.

Gen. DOLIUM. LAM.

1. *D. Perdix* Lin. (Sp.)
Eastern, Western and Pacific Oceans.
2. *D. Maculatum*, Lam. Mr. Asphar.
Eastern Seas. *Penang.*
3. *D. Fasciatum*, Brug.
Philippines.
4. *D. Fimbriatum*, Sowerby.
Philippines.

5. D. Olearium, Brug. Soc. Cab.
Ceylon.
6. D. Chinense Cheimn.
China.
7. D. Pomum, Lin. (Sp.) Soc. Cab.
Amboyna, Penang.
8. D. Zonatum, Green.
China.

HARPA.

1. H. Nobilis, Martini, (Sp.)
Philippines.
2. H. Ventricosa. E. L. Layard.
Mauritius.
3. H. Minor. W. Theobald, Junior.
Philippines.
4. H. Conoidalis.
Ceylon.

COLUMBELLA LAM.

1. C. Strombiformis, Lam. Soc. Cab.
West Columbia.
2. C. Mercatoria Lam. Von de Busch, Mr. Laidlay.
West Indies.
3. C. Splendidula Sow.
Bay of Bengal, Bay of Manilla.
4. C. Fulgurans, Lam. F. W. Russel.
Indian Ocean.

5. C. Varians Sow. Soc. Cab.
Bay of Bengal. Gallapagos.
6. C. Indica. N. S.
 a. *Bay of Bengal.*
 b. ? var Penang.
7. C. Turturina Lam. Soc. Cab.
Masbate and Dumagnette.
8. C. Strangei, N. S. M. Strange
Australia.
9. C. Duclosiana.
Mauritius--Andamans.

Clearly varieties of this shell though the bands differ in number and arrangement from Sowerby's figure.

10. C. Ligula, (?)
Philippines.
11. C. Terpsichore,
West Indies.

The locality of these specimens is not given but they seem to belong to a var of the above shell, but are smaller and more acuminate than Sowerby's figure.

12. C. Semiconvexa. Mr. Abbot.
 a. *Van Dieman's Land.*
 b. *Australia.*

An aberrant species approaching Buccinum.

Gen. OLIVA BRUGUIERE

1. O. Ponderosa Duclos.
Mauritius.

2. *O. Erythrostoma*, Lam.
Ceylon.
3. *O. Tremulina*, Lam.
Mauritius. Philippines.
4. *O. Nobilis* Reeve.
Mauritius.

The specific differences between the last three species are so slight as hardly to bear out their claim to separate specific rank.

5. *O. Sanguinolenta*, Lam.
Philippines.
6. *O. Tigrina*.
Madagascar.
7. *O. Gibbosa* Born.
 - a. *Coromandel*. (?) Africa.
 - b. do. Junior.
8. *O. Elegans* Lam.
Feejee Islands. *Moluccas*.
9. *O. Stainforthii* Reeve.
10. *O. Maura* Lam. Mr. Lietard.
St. Diego. Ceylon, Philippines.
11. *O. Peruviana*, Lam. M. Tonnere.
Peru.
12. *O. Irisans*, Lam. C. Hufnagle.
Lacadives. Mauritius.
13. *O. Ispidula* Lin, (sp.)
 - a. Philippines.
 - b. Ceylon, small var. E. L. Layard.

O. *Lentiginosa*, Reeve.

Bay of Bengal.

This shell seems to agree with one figured by Reeve, from two specimens belonging to Miss Steere. In the young shell the lip is edged with brown.

15. O. (Sp.)

Bay of Bengal.

* 16. O. *Tessalata* Lam.

Philippines.

17. O. *Carneola* Lam.

Philippines *Moluccas*

18. O. *Nebulosa* Reeve.

19. O. *Flammulata*, Lam.

West Indies.

This shell seems to correspond sufficiently with Reeve's figure.

20. O. *Panniculata* Duclos. (?)

This shell is probably that figured by Reeve but it may possibly be merely a dwarf variety of the last.

Gen. ANCILLARIA LAM.

1. A. *Rubiginosa* Swainson.

Capt. Halsted.

Persian Gulf.

2. A. Sp.

3. A. *Candida*.

a.

b. *Bay of Bengal.*

4. A. Sp.

a. *Tahiti.*

Dr. Tonniere.

b. *New Zealand*

Mr. Hart.

5. A. Sp. Mr. Abbot.
Van Dieman's Land.

6. A. Cinnamomea.

Fam. CONIDÆ.

Gen. CONUS, LIN.

1. C. Betulinus Lin.
 Ceylon.
2. C. Millipunctatus Lam.
3. C. Sumatrensis Lam.
 Red Sea.
4. C. Aulicus Lin. W. Theobald, Junr.
5. C. Virgo Lin.
 Ceylon.
6. C. Achahinus Chem.
7. C. Striatus Lin.
 Ceylon.
8. C. Miles Lin. W. Theobald, Junr.
 Ceylon, Mauritius.
9. C. Oriens.
10. C. Canonicus Hwass.
 Indian Seas.
11. C. Hebraeus Lin.
 Ceylon.
12. C. Arenatus Hwass.
 Ceylon.

13. *C. Albus.*
14. *C. Amadis Martini.*
Ceylon.
15. *C. Omaria Hwass.*
Ceylon.
16. *C. Vidua Reeve.*
Philippines.
17. *C. Tessalatus Born.*
Ceylon.
18. *C. Eburneus Hwass.*
Ceylon.
19. *C. Lindus.*
20. *C. Punctatus Chem.*
West Coast Africa.
21. *C. Obesus. Hwass.*
Ceylon.
22. *C. Nussatella Lin.* Soc. Cab.
Red Sea.
23. *C. Sugillatus Reeve.*
24. *C. Minimus (?) Lin.*
Mauritius.
25. *C. Miliaris Hwass.*
China.
26. *C. Monile Hwass.*
Jiddha.

27. *C. Sulcatus* Hwass.
28. *C. Geographus* Lin.
Ceylon. Mauritius.
29. *C. Bullatus* Lin.
Philippines.
30. *C. Malaccanus* Hwass.
Malacca.
31. *C. Mozambicus* Hwass.
Mozambique.
32. *C. Generalis* Lin.
Ceylon.
33. *C.*
Philippines.
34. *C. Terebellum* Martini. E. L. Layard.
Philippines.
35. *C. Figulinus* Lin.
Ceylon.
36. *C. Araneosus* Hwass.
Ceylon, Philippines.
37. *C. Sp.* (near *C. Vexillum*.)
38. *C. Suratensis* (?) Hwass.
Philippines.
39. *C. Albus*.
40. *Episcopus* Lam. E. L. Layard.
Ceylon.

41. C. Marmoreus. Lin.
China.
42. C. Bandanus Hwass.
Philippines.

Gen. PLEUROTIMA LAM.

1. P. Grandis Gray.
Indian Seas.
2. P. Marmorata Lam.
Straits of Malacca.
3. P. Javana Lin (sp).
4. P. Australis Chemn (sp).
China.
5. P. Nodifera Lam.
Straits of Malacca.
6. P. Flavidula Lam.
China, Japan.
7. P. Crenularis. Lam.
Bay of Bengal. Tranquebar.
8. P. Owenii Gray.
Australia. East Coast of Africa.

Fam. VOLUTIDÆ.

Gen. VOLUTA. LIN.

1. V. Scapha. Gmelin.
a. Singapore.
b. var.
c. tuberculata.

2. V. Papillaris Sow.
Australia.
3. V. Vexillum Chemn.
Ceylon.
4. V. Zebra. Leach.
Australia.
5. V. Undulata Lam.
Tasmania.
6. V. Musica Lin.
West Indies.
7. V. Interpuncta Martyn.
Ceylon.
8. V. Rupestris Gmelin.
China.
9. V. Vespertilio Lin.
Philippines.

GEN MELO BRODERIP.

1. M. Diadema Lam. Mr. Abbot,
Torres Straits.
2. M. Indicus Gmel.
Eastern Seas.

Gen. CYMBA BRODERIP.

1. C. Neptuni (Young).
Africa.

GEN MITRA LAM.

1. M. Episcopalis Argenville.
Ceylon.

2. M. Balteolata Reeve.
Philippines.

This shell was marked M. Vulpecula, but seems nearer N. Balteolata in general aspect.

3. M. Isabella Reeve.
China.

Reeve remarks that this animal is remarkably prone to accidental fracture during life time ; several specimens examined by him having been repaired after fracture. The present shell has suffered damage during its life at the 6th. whorl, and also near the mouth.

4. M. Lyrata Lam.
Philippines.
5. M. n. s. of the type of M. Nigra.
Eastern Seas.
6. M. Melongena Lam. Soc. Cab.
Philippines.
Barely distinguishable from M. Lyrata.
7. M. Incarnata Reeve, (?).
Bay of Bengal, Philippines.
8. M. Ægra Reeve. ? Soc. Cab.

It is not easy without better specimens to determine if the last shell is not a variety of the present, Reeve describes the

Columella as 6 plaited but only 4 plaits are prominent in the figure. 'The present shell has but 4 plaits' and agrees better with its figure in Reeves though much smaller.

9. *M. Maculosa* Reeve.
Pacific Ocean.
10. *M. Rhodia* Reeve, ? M. Strange.
Australia.
11. *M. Crebrilrata* Reeve.
Ceylon.

Gen. MARGINELLA LAM.

1. *M. Quinqueplicata* Sow. M. Asphar.
Malacca, *Penang*, *Bay of Bengal*.
2. *M. Angustata* Sow.
M. Bullata.
Bay of Bengal.
3. *M. Faba.* Soc. Cab.
Senegal.
4. *M. Rosea*, var. Soc. Cab.

A variety in which the black markings are obsolete, but the shape and spotted lip (labio pone freciatim maculato) sufficiently identify it.

5. *M. Muscaria.* Messrs. McLeod, and Abbot.
Van Diemens Land. (?) West Indies.
6. *M. Formicula.* Messrs. McLeod, and Abbot.
Van Diemens Land. New Holland.

Specimens of the last seem to have been mixed up with the present species, the recorded habitat therefore of the last is open to doubt.

7. *M. Pygmæa*.*Van Dieman's Land.*

A single specimen mixed among the last species seems nearly to correspond to *M. Pygmæa* of which the habitat is not known. It is probably from Van Dieman's Land.

8. *M. Asphari* n. s.*M. Asphar.**Penang.*

This shell is identical with none of those figured by Sowerby but is intermediate between *M. Inconspicua* and *M. Monilis* of the West Indies. I have therefore recorded it by the name of its donor.

*Fam. CYPRÆIDÆ.**Gen. CYPRÆA LIN.*1. *C. Tigris* Lin.

Eastern Seas.

2. *C. Pantherina*. Solander.

Red Sea.

3. *C. Mauritiana*. Lin.a. *Mauritius*.b. *Andamans*.c. *Junior*.4. *C. Testudinaria*. Lin.*Mauritius*.5. *C. Argus*. Lin.*Ceylon*.6. *C. Talpa*. Lin.

Eastern Seas.

7. C. Vitellus. Lin.
Eastern Seas.
8. C. Mappa. Lin.
Pacific Ocean.
9. C. Arabica. Lin.
Eastern Seas.
10. C. Reticulata. Martyn.
Eastern Seas.
11. C. Carneola. Lin.
Pacific Ocean.
12. C. Caurica. Lin.
Eastern Seas.
a —
b var (?).
13. C. Lynx. Lin.
Ceylon, Mauritius, Pacific Ocean.
14. C. Caput Serpentis. Lin.
Pacific Ocean.
15. C. Erosa. Lin.
Ceylon, Mauritius.
16. C. Moneta. Lin.
Pacific Ocean.
17. C. Annulus. Lin. Mr. Abbot.
Torres Straits, Eastern Seas.
18. C. Cribraria. Lin.
Ceylon.

19. C. Diluculum. Reeve.
Philippines.
20. C. Asellus. Lin.
West Indies.
21. C. sp. M. Asphar.
Penang.
22. C. Ocellata var. Lin.
Eastern Seas.
23. C. Erythrænsis.
a. var. *Mauritius*.
b. var. *Ceylon*.
c. var. *Mauritius*.
d. (?) *Mauritius*.
e. *Andamans*.
f. *Mauritius*.
24. C. Esontropia.
25. C. Hirundo ? var. Capt. Hutton.
Near C. interrupta.
Exhibits the bands of C. interrupta with the spotted
extremities of C. Hirundo.
26. C. Clandestina. Lin.
Ceylon.
27. C. Helvola Lin.
Ceylon.
a.
b. var.
28. C. Poraria. Lin.
Pacific Ocean.

29. C. Staphylæa Lin.
Philippines.
30. C. (near C. Erythræensis.)
Torres Straits.
31. C. Sp. Mr. Abbot.
a *Torres Straits.*
b. do var. Mr. Strange.
32. C. Ziczac. Lin.
Mozambic.
33. C. Errones.
Moluccas.
34. C. Isabella. Lin.
Mauritius.
35. C. Tabescens. Solander.
Ceylon, Pacific.
36. C. Punctata. Lin.
Philippines.
37. C. Nucleus. Lin.
38. C. Quadripunctata. Gray.
Philippines.
39. C. Europæa. Montague.
Britain.
40. C. Sp. (allied to C. Cicercula.)
41. C. Sp. Mr. Abbot.
Torres Straits.

42. C. Sp. Mr. Abbot.
Torres Straits.
43. C. Sp. Mr. Strange.
Australia.
44. C. Onyx. Lin. C. Huffnagle.
Lacdives. California.

Gen. OVULUM LAM.

1. O. Oviformis. Lam.
Philippines and Society Islands.
2. O. Volva. Lam.
Philippines.
3. O. Verrucosum. Lam. Dr. Tonnere.
Amboyna. Philippines. &c.
4. O. Gibbosum. Lam. Mr. McLeod.
Bay of Bengal.
5. O. Breve. Sow.
Bay of Bengal
-

Section B. Holostomata.

(Sea Snails.)

Gen. NATICA. LAM.

1. N. Heros. Say
Massachusetts.
2. N. Spadicea. Gmelin.
Bay of Bengal. Singapore.
3. N. Problematica. Reeve?
N. America. China.

This shell seems to correspond nearest with Reeve's figure of this species, but the localities are widely different.

4. N. Vitellus. Lam.
Philippines.
5. N. Canrena. Lin.
West Indies.
6. N. Lineata. Lam. Soc. Cab.
Singapore.
7. N. Columnaris. Recluz. Soc. Cab.
Philippines.
8. N. Lamarckiana. Recluz.
a. *Bay of Bengal.*
b. do. ?
9. N. Sp. Mr. McLeod.
Of the same type as the last, but probably distinct.
10. N. Monilefera N. Strickland.
Britain.

11. N. Flemingiana. Recluz.
Torres Straits Philippines.

12. N. Mamilla. Lam. Soc. Cab.
 Philippines.

13. N. Maculosa. Lam. Mr. Asphar.
 a. *Penang* Singapore.
 b. do var ?

14. N. n. s. allied to Sebæ Sauleyet but the spire is much smaller uniting the characters of this species and N. Zanzibarica.

- a. *Mauritius* Philippines. Mr. Lietard.
 b. *Navigator's Islands*. Mr. Tonnere.

15. N. Umbilicata Quoy. Mr. Abbot.
Torres Straits Van Dieman Land.

16. N. Lencophæa. Reeve Mr. Strange.
 a. *Australia*.
 b. do (guy.)?

17. N. Imperforata. Sow. Mrs. Thomas.
 Buffalo, Cape of Good Hope.

18. N. Sp. Dr. Tonnere.
Tahiti.

19. N. Chinensis Lam.
Van Dieman's Land, China, Philippines.

20. N. Sp.

21. N. Pisiformis Recluz. Mr. Macleod.
 Valparaiso.

22. N. Sp.

J. Hart, Esq.

New Zealand.

Very close to the Jamaica N. Proxima Adams but in poor condition.

Fam. PYRAMIDILLIDÆ.*Gen.* OBELISCUS HUMPH.

1. O. Ventricosus Gmel.

Island of Vanikoro.

2.

Gen. PYRAMIDELLA LAM.

1. P. Auris Cati Chem. Sp.

Mauritius. Philippines.

Fam. CERITHIADÆ.*Gen.* VERTAGUS. KLEIN.

1. V. Vertagus Lin.

Mr. Abbot.

Torres Straits.

2. V. Sowerbii Kiener.

F. W. Russel.

3. V. Fasciatum Brug.

Philippines.

4. V. Lineatum Brug.

a. *Torres Straits.*

Mr. Abbot.

b. *Moulmein.*

Mr. Lietard.

5. V. Obeliscus. Brug.

Capt. Halsted.

6. V. Pharos. (?)

East Africa.

Gen. CERITHIUM. BRUG.

1. C. Traillii Sow.

C. Huffleagle.

Lacadives. Singapore.

2. *C. Novæ Hollandiæ* Adams. Mr. Abbot.
Torres Straits.
3. *C. Tuberculatum*, Lin. Messrs. Wallis & Tonnere.
Bay of Bengal, Eastern Seas.
4. *C. Corallinum*. Mr. Strange.
Australia, Philippines.

This shell nearly corresponds with Sowerby's figure, and is probably a var of the above species.

5. *C. Sp.* Mr. Lietard.
Diego, California.
6. *C. Striatissimum* Sow. Von de Busch.
Brazil.

This species agrees generally with Sowerby's figure of which the locality was unknown.

7. *C. Eburneum*. Brug?
8. *C. Sp.* near *C. Eriense* or *Granosun* Kiener.
9. *C. Bicarinatum* Gray. Mr. Hart.
New Zealand.
10. *C. Ferrugineum*. Say.
America.

Gen CERITHIOPSIS FORBES AND HANLAY.

1. *C. Granarium* Kiener. Mr. Strange.
Australia.
2. *C. Reticulatum*.
Britain. H. E. Strickland.

Gen. PIRENELLA GRAY.

1. *P. Septemstriatum* say (var.).
North America.

Gen. PYRAZUS. MONTFORT.

1. *P. Palustris* Lin.
Australia, East Indies.
2. *P. Ebeninum*. Brug.
a. *Australia*. Mr. Strange.
b. *New Holland. Pacific*. Von de Busch.
3. *P. Obtusum*. Lam. var. Mr. Asphar.
Penang.
4. *P. Bensoni*. N. S.
Salt Water Lake.
5. *P. Costatum* (var ?)
West Indies.

Gen. TEREBRALIA. SWAINSON.

1. *T. Telescopium*.
Salt Water Lake. Calcutta.

Gen. TYMPANOTOMUS KLEIN.

1. *T. Fluviatilis* Poliez.
a. b. *Bay of Bengal*.
c. d. *Ceylon*. E. L. Layard.
2. *T. Fuscatum* Lin. Sp.
W. Africa.

Gen. APORRHAIUS ALDROVANDUS.

1. *A. Pespelicani.*
Britain.

2. *Var. (?)*.

Gen. STRUTHIOLARIA LAM.

1. *S. Straminea.* Mr. Hart.
New Zealand.

2. *S. Inermis,* Mr. Hart.
New Zealand.

*Fam. MELANIADÆ.**Gen. MELANIA LAM.*

1. *M. Variabilis B.*
 - a. *Sylhet.* Birmah, Bengal. W. Theobald, Jnr.
 - b. c. *Sylhet,* Bengal.
 - d. *Bengal.*
 - e. *Noung-ben-ziek,* Purneah District. W. Theobald, Jnr.
 - f. *Ceylon.* E. L. Layard.
 - g. Young specimens.
2. *M. Nigra Layard.* E. L. Layard.
Ceylon.
3. *M. Tuberculata, B.*
 - a. *Calcutta,*
 - b. *Ceylon.* E. L. Layard.
 - c. *India.*
 - d. *Tenasserim, R.* W. Theobald, Jnr.
 - e. *Sylhet.*

- | | | |
|----|----------------------------------|--------------------|
| 4. | M. Tigrina Hutton. | Capt. Hutton. |
| | Var of <i>M. Tuberculata</i> (?) | |
| | Quettah. | |
| 5. | M. Lirata B. | |
| | a. Calcutta. | |
| | b. Ceylon. | E. L. Layard. |
| | c. Bengal. | |
| | d. Tenasserim R. | W. Theobald, Junr. |
| 6. | M. Spinulosa. B. | |
| | a. Calcutta. | |
| | b. Ceylon. | E. L. Layard. |
| | c. Bolan Pass. | Capt. Hutton. |

No shells differ more among themselves than the four common species of our Indian *Melaniæ* or are more affected by the favorable conditions or the reverse, of the localities they inhabit. A fine specimen of *M. Variabilis* in my own cabinet from Maulmein measures $4\frac{3}{4}$ inches allowing $\frac{1}{2}$ an inch for the eroded tip. The ribs are bluntly 5 nodular differing therein from the usual spinous ribs of var a from Birmah (Tenasserim R.) An ordinary fine Birmese specimen, measures (when complete) $3\frac{1}{2}$, of which one inch is removed by erosion. My finest specimen of the smooth pointed var from Nong-ben-zeik measures $2\frac{1}{2}$ and has merely lost the apex. This var is rarely much eroded, and is also found in the Purneah district. *M. Tuberculata* presents two marked varieties which deserve notice, viz. a smooth var and a tuberculate one. The former var is smooth, dark colored, conspicuously but *finely* striated spirally, with few or faint traces of tubercles in any part. My largest specimen measures $1\frac{1}{4}$ inches and if perfect, would be about $1\frac{1}{2}$. The other variety is more coarsely striated and conspicuously tubercularly ribbed. Its color is a yellowish brown relieved by transverse flame like stripes of reddish brown. A very large specimen from Bombay measures nearly $1\frac{1}{2}$ inches and has lost about an $\frac{1}{8}$ by erosion. This var is more sharply acuminate than the

other, which is slenderer and tapers more gradually. The ordinary length of this species is not more than an inch.

M. *Lirata* is a very variable species and seems to thrive best near the influence of brackish water. The largest variety occurs near Calcutta, but I have no specimens. The ordinary variety rarely attains $1\frac{1}{4}$ and is then rather eroded. The smaller are but little eroded, and vary from $\frac{7}{8}$ to $\frac{4}{8}$ in length, among the larger var from some localities the whorls are more or less turritid. M. *Spinulosais* less commonly found in fine condition than the others and often closely approaches some vars both of M. *Tuberculata* and M. *Lirata*. The finest specimens I have seen are from Ceylon. This var has the last or penultimate whorl ornamented with 5 or 6 conspicuous spines. When the penultimate whorl is so armed the last whorl is smooth the animal resting satisfied with forming a single row of long spines. Length 1 inch if perfect but apex a little eroded. The continental specimens are usually smaller.

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|----------------------------------|---------------|
| 7. M. <i>Nodosa</i> . | E. L. Layard. |
| <i>Ceylon</i> . | |
| (var of <i>tuberculata</i> (?)) | |
| 8. M. <i>Spiralis</i> . | E. L. Layard. |
| <i>Ceylon</i> . | |
| 9. M. <i>Canaliculata</i> , | Soc. Cab. |
| <i>Indiana</i> . | |
| 10. M. Sp. | Dr. Tonnere. |
| <i>Navigator's Islands</i> . | |
| 11. M. Sp. | Dr. Tonnere. |
| <i>Navigator's Island</i> . | |

A stouter species than the last, though closely allied to it.

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| 12. M. <i>Amarula</i> . (sp). | Mr. Lietard. |
| <i>Mauritius</i> . | |

13. M. Sp.
Oparu Navigator's Islands. Dr. Tonnere.

It is worthy of remark how closely allied this species is to the common Indian M. Lirata, of which it might be regarded as a variety.

14. M. Sp. (allied to M. tuberculata.). Dr. Tonnere.
Navigator's Islands.

15. M. Sp. Dr. Tonnere.
Navigator's Islands.

16. M. Nerita. Soc. Cab.
N. America.

17. N. Sp. Dr. Tonnere.
Navigator's Islands.

Gen PALUDOMUS SWAINSON.

- 1 P. Conica Gray.
 a. c *Sylhet.*
 b. *Assam.* Mr. Robinson.
 d. *Sikkim.* Capt. Sherwil.
2. P. Stophanus, B. Mess. Stainforth & Theobald.
Sylhet (Teria-Ghat.)
3. P. Bicincta. Reeve. E. L. Layard,
Ceylon.
4. P. Phasianina, Reeve. Dr. Kelaart & E. L. Layard,
Ceylon.
5. P. Nigricans, Reeve. E. L. Layard.
Ceylon.

- | | | |
|-----|---|-------------------|
| 6. | P. Labiosa B.
<i>Tavoy Province.</i> | W. Theobald, Jnr. |
| 7. | P. Regulata
<i>Prome, Thiet-mio.</i> | W. Theobald, Jnr. |
| 8. | P. Obesa.
<i>near Bombay (W. Ghats?)</i> | W. Theobald, Jnr. |
| 9. | P. Palustris,
<i>Ceylon.</i> | E. L. Layard. |
| 10. | P. Sp. (?)
<i>Pegu.</i> | Capt. Berdmore. |

Gen TANALIA GRAY.

- | | |
|----|-------------------------------|
| 1. | T. Loricata
<i>Ceylon.</i> |
|----|-------------------------------|

Gen PHILOPOTAMIS.

- | | | |
|----|--------------------------|---------------|
| 1. | P. Sp.
<i>Ceylon.</i> | E. L. Layard. |
| 2. | P. Sp.
<i>Ceylon.</i> | E. L. Layard. |

Gen. MELANOPSIS LAM.

- | | | |
|----|----------------------------------|-----------|
| 1. | M. Præmorsa (?).
<i>Oran.</i> | Soc. Cab. |
|----|----------------------------------|-----------|

Gen. PIRENA LAM.

- | | | |
|----|--------------------------------|---------------|
| 1. | P. Subulata.
<i>Ceylon.</i> | E. L. Layard. |
|----|--------------------------------|---------------|

*Fam. TURRITELLIDÆ.**Gen. TURRITELLA LAM.*

1. *T. Duplicata*. Lin (sp.).
 - a. Eastern Seas.
 - b. Var.
 - c. Young.
2. *T. Attenuata*.
 - a. *Penang*
 - b. Young.
 - c. Smooth var.
3. *T. Bacillum*.
 - a. *Penang*, Ceylon.
 - b. Young.
4. *T. Goniostoma*.
Peru, Salango. W. Columbia.
5. *T. Carinifera*, Mrs. Thomas.
6. *T. Gunnii*.
Van Dieman's Land (Gunn),
7. *T. Columnaris*.
Ceylon.
8. *T. Sp.* Mr. Hart.
New Zealand.

Nearly allied to *T. Hanleyana* if not a var of that shell.

Gen. SCALARIA LAM.

1. *S. Pretiosa* Lam.
China.

2. *S. Communis* H. E. Strickland.
Britain.

3. *S. Turtonis* Sow.
Britain.

Closely allied to the last but more acuminate.

4. *S. Australis* Lam.
Swan River.

Fam. LITTORINIDÆ.

Gen. LITTORINA FERUSSAC.

1. *L. Neritoidea.* Messrs. H. E. Strickland and Mitchell.
Britain.

2. *L. Pallida* Say.
Essex Co. Mass.

3. *L. Littorea.*
a. Montrose. Mr. Mitchell.
b. Britain. H. E. Strickland.

4. *L. Muricata.* Von de Busch.
Antilles

5. *L. Lævis* (?) Mr. Strange.
Australia.

6. *L. Rudis* Dr. Tonnere.
a. —————
b. *Britain.* H. E. Strickland.

7. *L. Arboricola* var. Mr. Lietard.
a. *Mauritius*
b. Keeled var.
c. *Navigator's Islands.* Dr. Tonnere.

8. *L. Fasciata* (?).
9. *L. Pyramidalis*, Mr. Strange.
Australia. New Zealand.
10. *L. Newcombi*. Dr. Tonnere.
Navigator's Islands. Sandwich Islands.
- Mixed with specimens of 7 c. to which it is nearly allied.
11. *L. Vilis*.
a. Persian Gulph.
12. *L. Tenebrosa*.
Essex Co. Mass.

a and *b* are two varieties and Reeve remarks that it is said to run into *L. Rudis*

13. *L. Undulata*. E. L. Layard.
a. b. Ceylon.
14. *L. n. s.* Mr. Strange.
Australia.

Gen. SOLARIUM. LAM.

1. *S. Perspectivum* Lin.
China.
2. *S. ————*
Australia.

Gen. PHORUS. MONTE.

1. *P. Solaris*.
Malacca.

2. P. Exutus.
China.

Gen. RISSOA FREMENVILLE.

1. R. Parva. H. E. Strickland.
Britain.
2. R. Ulvæ (*Hydrobia*) H. E. Strickland.
Britain.
3. R. ——— Mr. Strange.
Australia.

Gen. ASSIMINIA, LEACH.

1. A. Sulcata Benson.
2. A. Francesiæ Gray.
Calcutta.

Gen. STENOETHYRA BENSON.

1. S. Deltæ B.
Calcutta.

Fam. PALUDINIDÆ.

Gen. PALUDINA LAM.

1. P. Ponderosa.
Indiana.
2. P. Crassa. Hutton. Soc. Cab.
3. P. Sp. Dr. Tonnere.
Shanghai.

4. *P. Bengalensis.*

India, generally.

5. *P. Lecythis* B. (?)*Sylhet* (?)6. *P. Decisa.**Ohio.*7. *P. Melanostoma.*

India.

8. *P. Lecythis* B.*Chusan.*

Dr. Cantor.

9. *P. Viridis.*

France.

Mr. Malherbe.

*Gen. BITHINIA. GRAY.*1. *B. Goniostoma.* Hutton.*Upper India.*

Capt. Hutton.

2. *B. Cerameopoma.* B.a. *Bengal, passim.*

b.

3. *B. Marginata.**Ceylon.*

E. L. Layard.

4. *B. Pulchella.* var (?).*Ceylon*

E. L. Layard.

5. *B.*6. *B. Longicornis.* B.*Chusan.*

Dr. Cantor.

7. B. Sp.

*Moradabad.**Gen. AMPULLARIA. LAM.*

1. A. Globosa.

a. Bengal.

2. A.

Capt. Lewis.

Tranquebar.

3. Layardi Reeve.

E. L. Layard.

Ceylon.

4. A. (Sinistral).

Mauritius.

5. A. Effusa.

6. A.

*Brazil.**Gen. LANISTES MONTF.*

1. L. Sp.

Gen. AMPHIBOLA SCHUM.

1. A. Avellana. Chemn, (Sp.)

Mr. Hart.

*New Zealand.**Fam. NERITA.**Gen. Nerita Lin.*

1. N. Polita.

E. L. Layard.

*a. Ceylon.**b. Andamans.**c. Australia.*

Mr. Strange.

This beautiful var is not figured by Reeve. Its orange mouth is very characteristic.

2. N. Peloronta. Von de Busch.
West Indies.

3. N. Atrata.
a. *New Zealand*. Mr. Hart.
b. *Australia*. Mr. Strange.

In the society's specimens there is no trace of the "minutely toothed" margin, but there is little doubt that it is the species figured by Reeve.

4. N. Atropurpurea. Mr. Lietard.
Mauritius.

This var differs somewhat from Reeve's figure but the characteristic form and effused lip cannot be mistaken.

5. N. Albicilla.
a. *Mauritius*.
b. *Katiwar*. W. Theobald Junr.

This species is often much eroded, a character not noticed by Reeve.

6. N. Costata.
a. *Andamans*.
b. *Basse's Straits*.
c. *Ceylon*. E. L. Layard.
d. *Ceylon*. W. Theobald, Junr.

7. N. Ascensionis. Soc. Cab.
Ascension.

8. N. Lineata.
North Australia.

9. *N. Rumphii*.
Philippines.
10. *N. Le Guillowana*. Von de Busch.
West Indies. (?) Philippines.

This shell agrees pretty well with Reeve's figure and description but is marked from a very different locality. (Compare with nearly allied *N. Chrysostoma*.)

11. *N. Chrysostoma*. W. Theobald, Junr.
a. *Katiwar*.
b. *Ceylon*, pale var.
12. *N. Oryzarum* Recluz. W. Theobald, Junr.
Bombay, Malacca.

Gen. *NERITINA*.

1. *Smithii*. Gray.
Calcutta.
Sometimes seen on shrubs a little way from the water.
2. *N. Depressa*. B.
Calcutta.
3. *N. Carnucopiæ*. B.
Calcutta.

A rare species here but large and finer near Maulmein.
4. *N. Retifera*. B.
Calcutta.
5. *N. Obtusa*. B.
Calcutta.

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|---|--------------------|
| 6. N. Dubia Chemnitz. | E. L. Layard. |
| <i>Ceylon.</i> Bay of Manilla, | |
| 7. N. Humeralis, B. | W. Theobald, Junr. |
| <i>Salween, R.</i> | |
| 8. N. Aquatilis. | Mr. Lietard. |
| <i>Mauritius.</i> | |
| The locality of the shell figured by Reeve was unknown. | |
| 9. N. Longis pina. Recluz. | |
| N. Corona apud Chemnitz and Lamarck | |
| a. ——— | Soc. Cab. |
| b. <i>Mauritius</i> , Rodriguez. | Mr. Lietard. |
| 10. N. Spinosa. | Dr. Tonnere. |
| <i>Navigator's Islands.</i> Tahiti. | |
| 11. N. Zebra. Lam. | Dr. Tonnere. |
| <i>Navigator's Islands.</i> | |
| 12. N. Navigatoria, Reeve. | Dr. Tonnere. |
| <i>Navigator's Islands.</i> | |
| 13. N. Tritonensis Le Guillon. | Dr. Tonnere. |
| <i>Navigator's Islands.</i> North Australia. | |
| 14. N. Canalis Sowerby. | Dr. Tonnere. |
| <i>Navigator's Islands</i> | |
| 15. N. Bicanaliculata. Recluz. | E. L. Layard. |
| <i>Ceylon.</i> | |
| 16. N. Faba Sowerby. | E. L. Layard. |
| <i>Ceylon.</i> | |

Reeve does not give the locality of the specimen figured by him.

17. N. Cryptomphalos B. W. Theobald Junr.
Tenasserim R.——.

On stones in rapids above the influence of the tide.

18. N. Mertoniana. E. L. Layard
Ceylon. Philippines.

19. N. Reclivata. Say. Von de Busch.
 a. *Mexico.*
 b. *Alabama.*
 c. *Tampio.* *Tampico?*

These specimens (b.) were labelled by some mistake N. Fluviatilis.

20. N. Fluviatilis Lin. Mr. Strickland.
Britain.

21. N.
West Indies.

A. very variable shell as to markings closely allied to N. Mertoniana.

22. N. sp. W. Theobald.
Salween R.

Much like N. Depressa (var). but of its history I remember nothing.

Gen. NAVICELLA LAM.

1. N. Cœrulescens. Reeve.
N. Tessalata apud Benson.
N. Orientalis Reeve.
 a. b. *Calcutta.*

2. N. Compressa. B.

*N. Tessallata apud Reeve in part.*a. *Calcutta.*b. *Ceylon.*

But two species of *Navicellæ* are found at Calcutta, one a broadly expanded species the other one laterally compressed. It is improbable that the Philippine shell *N. Tessallata* is identical with the Calcutta species, and I have therefore selected one of Reeve's names for the Calcutta shell.

3. N. Eximia Reeve.

E. L. Layard.

*N. Carulescens var (?)**Ceylon.*

4. N. Porcellana Lin.

N. Elliptica, Lam.

a. Mauritius, Madagascar.

b. var. (?) *Marquesas Islands.* Dr. Tonnere.c. *Mauritius.* Mr. Lietard.

5. N. Psittacea Reeve.

Dr. Tonnere.

Society Islands. Australian Islands.

A species much eroded though protected by a stout epidermis. The breadth of the muscular scars is a conspicuous feature in this shell.

6. N. Macrocephala LeGuillon var (?). Dr. Tonnere.

Navigator's Islands, Feejees.

A depressed shell of the same type as the last, much eroded and with a thick epidermis. The muscular scars are rather broad and some specimens on being held against the light display, fine black zic-zac markings, but not like the large surface ones in Reeve's figures.

7. T. *Smaragdus* Gmel. Mr. Hart.
New Zealand.
8. T. *Albopunctatus*, n. s. Capt. Halsted,
Persian Gulf.

A new species of the type of T. *Porphyrites* ornamented with 5 spiral bands of chain like white spots and spirally ranged white dots in the interspaces on a rich red brown ground.

9. T. *Cidaris* Gmel. Mrs. Thomas.
10. T. *Spinusus* Reeve. Mrs. Thomas.
Nicobars
11. T. *Granifera*. n. s.
New South Wales.
 A depressed granosely decussated species.
12. T. ——— W. Theobald, Jnr.
Katiwar.
13. T. ——— W. Theobald, Jnr.
Katiwar.

Gen. PHASIANELLA, LAM.

1. P. ——— Mr. Abbot.
Van Dieman's Land.
2. P. ——— Mrs. Bacon.
Australia.
3. P. ——— Mr. Abbot.
Van Dieman's Land.

Gen. IMPERATOR MONTFORT.

1. T. _____ Mr. Lietard.
St. Diego, California.
2. T. _____ Mr. Strange.
Australia.
3. T. _____ W. Theobald, Jnr.
Katiwar.

Gen. TROCHUS LIN.

1. T. _____ Soc Cab.
2. T. _____
Van Dieman's Land.
3. T. _____ Mr. Strange.
Australia.
4. T. _____
Torres Straits.
5. T. Stellaris. Mr. Lietard.
St. Diego; California.
6. T. _____
a. Torres Straits.
b. Surface of shell removed.
c. Young.
7. T. Ziziphinus. H. E. Strickland.
Britain.
8. T. Maculatus.

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|-----|-----------------------|-------------------|
| 9. | T. ——— | Mr. Strange. |
| | <i>Australia.</i> | |
| 10. | T. Umbilicatus. | H. E. Strickland. |
| | <i>Britain.</i> | |
| 11. | T. ——— | Mrs. Thomas. |
| 12. | T. ——— | Mr. Strange. |
| | <i>Australia.</i> | |
| 13. | T. ——— | Mr. Hart. |
| | <i>New Zealand.</i> | |
| 14. | T. Cinerarius. | H. E. Strickland. |
| | <i>Britain.</i> | |
| 15. | T. Crassus. | H. E. Strickland. |
| | <i>Britain.</i> | |
| 16. | T. ——— | Mr. Strange. |
| | <i>Australia.</i> | |
| 17. | T. ——— | H. E. Strickland. |
| | <i>Britain.</i> | |
| 18. | T. ——— | Mr. Hart. |
| | <i>New Zealand.</i> | |
| 19. | T. ——— | |
| | <i>Australia.</i> | |
| 20. | T. ——— | Mrs. Thomas. |
| 21. | T. ——— | |
| | <i>Bay of Bengal.</i> | |

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| 22. | T. ————— | Mrs. Thomas. |
| 23. | T. —————
<i>California.</i> | Dr. Tonnere. |
| 24. | T. —————
<i>New Zealand.</i> | Mr. Hart. |
| 25. | T. —————(?) | Mrs. Thomas. |
| 26. | T. —————(?) | |
| 27. | T. ————— | Mr. Strange. |
| 28. | T. —————(?)
<i>New Zealand.</i> | Mr. Hart. |
| 29. | T. —————
<i>Australia.</i> | |
| 30. | T. —————(?)
<i>Australia.</i> | Mr. Strange. |
| 31. | T. —————
<i>New Zealand.</i> | Mr. Hart. |
| 32. | T. —————
<i>New Zealand.</i> | Mr. Hart. |
| 33. | T. ————— | |
| 34. | T. —————
<i>Van Dieman's Land.</i> | Mr. Strange. |
| 35. | T. —————
<i>Australia.</i> | Mr. Strange. |

Gen. MARGARITA LEACH.

1. M. Cinerea.
Essex Co. Massts.
2. M. Undulata Sow.
Essex Co. Massts.
3. M. Obscura.
Essex Co. Massts.

Gen. ELENCHUS HUMPH.

1. E. ————— Mr. Abbot.
Van Dieman's Land.
2. E. ————— Messrs Strange and Abbot.
Australia. Van Dieman's Land.
3. E. —————
Van Dieman's Land.

Gen. ROTELLA LAM.

1. R. ————— Mr. MacLeod.
2. R. Lincolata Gray. Mr. Hart.
New Zealand.
3. R. ————— Mr. Lietard.
Mauritius.

Gen. MONODONTA LAM.

1. M. ————— Mr. Lietard.
Mauritius.

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| 2. | M. ——— | Mr. Strange. |
| | <i>Australia.</i> | |
| 3. | M. ——— | |
| | <i>Andamans.</i> | |
| 4. | M. ——— | Soc. Cab. |
| 5. | M. ——— | Mr. Strange. |
| | <i>Australia.</i> | |
| 6. | M. ——— | Mr. Strange. |
| | <i>Australia.</i> | |
| 7. | M. ——— | Mr. Strange. |
| | <i>Australia.</i> | |

Gen. DELPHINULA LAM.

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|----|-----------------------|--------------|
| 1. | D. Incisa. (?) Reeve. | Mr. MacLeod. |
| | Port Essington. | |

The specimen is in bad order, but probably belongs to the above species. Reeve mentions only a single specimen as being found by Mr. Cuming.

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|----|---------------------------|--------------|
| 2. | D. Distorta Lin. Sp. | |
| | Nicobars. | |
| 3. | D. Laciniata Lin Sp. | |
| | Indian Seas, Philippines. | |
| 4. | D. Strangei N. S. | Mr. Strange. |
| | <i>Australia.</i> | |

Allied to D. Tyria, but a distinct species not figured by Reeve.

Gen. STOMATELLA LAM.

1. *S. Imbricata.*
Australia. Torres Straits.
2. *S. Fulgurans*, (?) Mr. Strange.
Australia, Philippines.

Fam HALIOTIDÆ.*Gen.* HALIOTIS LIN.

1. *H. Splendens*, Reeve.
California.
2. *H. Rufescens* Swainson.
Ceylon.
3. *H. Tuberculata* Lin.
a. Mediterranean.
b. Britain. H. E. Strickland.
4. *H. Midæ*, Lin. Mr. Abbot.
Van Dieman's Land, Cape.
5. *H. Nævosa* Martyn.
a. C. ——— Soc Cab.
b. *Australia.* Mr. Strange.

I refer these shell to this species with less hesitation as Reeve remarks, it is the most variable species he has met with. The oblique wrinkles noticed in the description are not well shewn in the figure but are well marked in the present shells.

6. *H. Asinina* Lin. Mr. Abbot.
a. *Torres Straits.* China, Philippines
b. *Timore.*

7. H. Semistriata Reeve. Mr. MacLeod.
 a. Ceylon
 b. (var ?)

- 8 H. Reticulata Reeve (var ?) Mrs. Thomas.

The shell figured by Reeve appears to have been a small one, and it will be seen that the large shells retain open 8 holes. The society's shells exhibit other differences being smoother, less striated and having the holes rather more circular than in Reeve's figure. The blood stained apex which is so marked a character in this shell and is so vividly displayed in the interior of some specimens is indicated in Reeve's figure though not alluded to in the written description.

9. H. Sp. Mr. MacLeod.

Gen. STOMATIA HELBLIN.

1. S. Duplicata Sow.

Gen. IANTHINA LAM.

1. T. Communis.
 Mediterranean.
 So marked but nearer T. Grandis Reeve.

2. T. Globosa, Swainson (var.) Mr. Strange.
 Australia.

Closer perhaps to T. Decollata, which Reeve regards as a var of this species.

3. T. Cœruleata (?) Mr. Strange.
 Australia.

Fam. FISSURELLIDÆ.*Gen.* FISSURELLA LAM.

1. F. Scutella Gray. Mr. Abbot.
Van Dieman's Land.
2. F. Macroschisma Hump. Mr. Abbot.
Van Dieman's Land.
3. F. Barbadosensis Gmel.
4. F. Incii Reeve.
North Australia.
5. F. Sirgaporensis (?) Mr. Hodges.
Aden.
6. F. ———
7. F. Dactylosa Reeve. Mr. Hodges.
Bay of Bengal.
8. F. Hiantula.
Cape of Good Hope.
9. F. Viminea. (?) Mr. Strange.
Australia.
10. F. ——— Mr. Lietard.
11. F. Aperta Sow.
Patagonia.
12. F. Sieboldii Reeve.
Aden.

Gen. EMARGINULA LAM.

1. E. ——— Mr. Strange.
Australia.

2. E. ——

3. E. ——

Australia.

Gen PARMOPHORUS BLAINVILLE.

1. P. ——

2. P. ——

Mr. Strange.

Australia.

3. P. ——

Mr. Hart.

New Zealand.

Fam. CALYPTRÆIDÆ.

Gen CALYPTRÆA LAM.

1. C. Layardi.

E. L. Layard.

Ceylon.

Marked *C. Equestris* but seems to agree with the Ceylon species *C. Layardi*. Perhaps it is merely a var of *C. Hippo-
niciformis*.

2. C. Cyathella (?)

Philippines.

Gen. CRUCIBULUM SCHUM.

1. C. Extinctoria.

Mr. Asphar.

a. *Penang*.

b. Var near *C. Morbidum*.

Mr. MacLeod.

2. C. Umbrella. (?)

Marked extinctoria which it does not resemble. Locality not given.

Gen. TROCHITA SCHUM.

1. *T. Maculata*, (var)
 - a. *New Zealand*. Mr. Hart.
 - b. *Australia*. Mr. Strange.
 - c. ———

This shell seems a distinct variety, the columella being much more straight than in Reeve's figure and but a slight tinge of purple in the interior.

Gen. CREPIDULA LAM.

1. *C. Costata* Sow, Mr. Hart.
New Zealand.
2. *C. Byronii*. Soc Cab.
3. *C. Fornicata*.
Salem, Massts.
4. *C. ———*
Salem, Massts.
5. *C. Plana*.
Essex, Massts.
6. *C. ———*
Australia.
7. *C. ———*
Australia.

Gen. PILEOPSIS LAM.

1. *P. Ungaricus*.
British Seas.

2. P. ———

Van Dieman's Land.

Gen. PATELLA LIN.

1. P. Cochlear.

Cape.

2. P. Granatina.

3. P. Longicosta.

4. P. Testudinaria.

a. *Indian Ocean.*

b. ———

Mr. MacLeod.

c. *Andaman's.*

5. P. Lanx.

Capt. Halsted.

Persian Gulph. Japan.

6. P. Electrina. (?)

Australia.

7. P. Compressa.

Mr. MacLeod.

Cape.

8. P. Plicata.

Mr. Thomas.

Cape.

9. P. Costosoplicata. (?)

10. P. Stellaris.

New Holland.

11. P. Elegans.

12. P. Petalata. (?)

Australia.

13. *P. Chitonoides*, (var ?)

Van Dieman's Land.

This shell exhibits a dark scar which is not seen in Reeve's figure, but these shells come nearer to the above species than to any other. Reeve does not give the habitat.

14. *P. Jacksoniensis*.

Australia.

15. *P. Vulgata*.

H. E. Strickland.

Montrose.

a. var. *conica*.

b. var. *compressa*.

16. *P. Decora*.

Dr. Tonnere.

New Zealand.

17. *P. Imbricata*.

a. *Van Dieman's Land.*

b. *Australia.*

Mr. Strange.

18. *P. Squamifera*.

Mr. Strange.

Australia.

The habitat of this shell is not given by Reeve.

19. *P. Conspicua*.

West Africa.

20. *P. Rustica*. (var ?)

Cape.

21. *P. Margaritaria*.

New Zealand.

Mr. Hart.

22. *P. Radians*.

New Zealand.

A good distinction between this and the allied species *P. Decora* is the much larger size of the scar in that species.

23. P. Saccharina.
Torres Straits. Philippines.
24. P. Mamillata. Dr. Tonnere
California.
A smooth var in which the ridges are obsolete.
25. P. Ustulata.
These shells seem to belong to a var of the above species though they do not agree very closely with either Reeve's figure or description.
26. P. Cœrulea L. H. E. Strickland.
(Not P. cœrulea Lam.)
27. P. Granularis.
Cape.
28. P. Cretacea. (?) Mr. Strange.
Australia, Tahiti.
29. P. Tramoserica. E. L. Layard.
Australia.
30. P. Oculus.
Cape.
31. P. ——— Mr. Strange.
Australia.
32. P. ———

Gen. Acmæa, Eschscholtz.

1. A. Testudinalis, Huseley. Mr. Malherbe.
Scotland.

2. A.

3. A. Cymbulia.

Gen. SIPHONARIA, BLAINVILLE.

1. S. Denticulata.

Torres Straits.

2. S. Siphon var. (?)

Philippines.

Ribs less numerous than in the shell figured by Reeve, who remarks however that it is a variable species in this respect.

3. S. Concinna.

Mauritius, Gambia.

4. S. Diemanensis.

Van Dieman's Land.

Fam. DENTALIADÆ.

Gen. DENTALIUM LIN.

1. D. Octogonum.

E. L. Layard.

2. D. Translucens.

Fam. CHITONIDÆ.

Gen. CHITON LIN.

1. C. Piceus Lin.

St. Croix.

2. C. Cunninghamsi (?)

Australia. (?)

3. C. Metallicus.

Mr. Strange.

Australia.

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|----|---|--------------|
| 4. | C. Concentricus
<i>Australia.</i> | Mr. Strange. |
| 5. | C. Novæ Hollandiæ.
<i>Van Dieman's Land.</i> | Mr. Abbot. |
| 6. | C. Volvox.
<i>Australia.</i> | Mr. Strange. |
| 7. | C. Divergens. Reeve (?)
<i>Australia.</i> | Mr. Strange. |
| 8. | C. Dieffenbachii.
<i>Australia.</i> | Mr. Strange. |
| 9. | C. Undulatus. (?) var.
<i>Australia.</i> | Mr. Strange. |

These specimens are much eroded and the ligament covered with bristles which in C. Undulatus is described as merely subarenaceous. It is probably a nearly allied species but the specimens are too eroded to afford clear characters.

ORDER—PULMONIFERA.

Fam. HELICIDÆ.*Gen.* VITRINA DRAPARNAUD.

1. V. Gigas Benson.
Cherrapunji.
2. V. Præstans Gould. Capt. Berdmore.
Maulmein. Tenasserim Valley.
3. V. E. L. Layard.
Ceylon.
4. V. Monticola. Capts. Hutton and Sherwil.
Landour, Darjeeling.
5. V. Scutella Benson. Capt. Sherwill.
Darjeeling.

Gen. SUCCINEA DRAP.

1. S. Girnarica.
Girnar Hills, Katiwar.
2. S.
Calcutta.
3. S. Crassiuscula Benson.
Calcutta.
4. S. Indica Pfr.
Bhintal.
5. S. Daucina Benson.
Calcutta.

6. S. Subgranosa Pfr.
Kurnaul.
7. S.
Ceylon.
8. S. Putris.
Candahar. Capt. Hutton.
9. S. Pfeifferi Rossm.
a. Candahar (apud Hutton). Capt. Hutton.
b. Germany. Von de Busch.
10. S. Semiserica Gould.
Tavoy. W. Theobald Junr.

Gen. HELIX LIN.

1. H. Ovum. Valenciennes.
Luzon. Mr. Lietard.
- Marked H. Gigantea, but certainly not the H. Gigantea of Lamarck.
2. H. Humphreysiana.
Singapore. Mt. Ophir. Messrs. Moxon and Russel.
3. H. Cicatricosa. Muller.
China. Soc. Cab.
4. H. Pomatissas Lin.
Von de Busch.
5.
Mauritius. Mr. Lietard.
6. H. Inversicolor.
Mauritius Mr. Lietard.

- | | | |
|-----|--|--|
| 7. | H. Polygyrata Born.
Bahia. | Von de Busch. |
| 8. | H. Bornii Chemn.
<i>H. Marginata Born.</i>
<i>H. Fasciata Blainville</i>
<i>Cuba.</i> | Von de Busch. |
| 9. | H. Unidentata.
Seychells. | Mr. Lietard. |
| 10. | II. Aspersa Muller.
<i>England.</i> | H. E. Strickland. |
| 11. | H. Arbustorum L.
<i>a. England.</i>
<i>b. France.</i> | H. E. Strickland.
Mr. Malherbe. |
| 12. | II. Nemoralis L.
<i>a. France.</i>
<i>b. var. Hortensis.</i>
<i>c. England.</i> | Mr. Malherbe.

H. E. Strickland. |
| 13. | H. Polychroa.
Philippines. | |
| 14. | II. Luzonica.
Philippines. | |
| 15. | II. Algira.
<i>France.</i> | Mr. Malherbe. |
| 16. | II. Aperta.
<i>II. Naticoides. Chem.</i>
<i>Africa, Southern Europe.</i> | Mr. Malherbe. |

17. H. Lactea, Muller. Mr. Malherbe.
a. France.
b. Algiers.

18. H. Mr. Malherbe.
Oran.

Intermediate between H. Lactea and H. Hieroglyphicula.

19. H. Arabica, Mr. Malherbe.
Oran. North Africa.

20. H. Hieroglyphicula Michaud. Mr. Malherbe.
Oran.

This shell has much the same relation to H. Arabica that H (No 18) bears to H. Lactea, it being more depressed and more distinctly and conspicuously banded.

21. H. Brasiliana. Von de Bosch.
Brazil.

22. H. Albolabris Say.
North America.

23. H. Candidissima Drap. Mr. Malherbe.
a. Oran.
b. France. Messrs. Malherbe and
 Von de Bosch.

24. H. Vermiculata. Muller.
France.

25. H. Zuleta Say.
Massachusetts.

26. H. Fruticum. Muller. Mr. Malherbe.
France.

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| 27. | II. Nicensis. Fer.
<i>France.</i> | Mr. Malherbe. |
| 28. | II. Pisana. Muller.
a. <i>Oran.</i>
b. <i>France.</i> | Mr. Malherbe. |
| 29. | H. Melanostoma. Drap.
<i>France.</i> | Mr. Malherbe. |
| 30. | H. Citrina.
Sylhet (?) Moluccas. | |
| 31. | H. Multilineata Say.
North America. | |
| 32. | H. Alabastrites Michaud.
Africa. | Mr. Malherbe. |
| 33. | H. Clausa. Fer.
<i>H. Inflecta Say.</i>
<i>Indiana. North America.</i> | |
| 34. | H. Hirsuta Say.
<i>Indiana. North America.</i> | |
| 35. | H. Cariosula Michaud.
<i>France</i> | Mr. Malherbe. |
| 36. | II. Cespitum Drap.
<i>France.</i> | Mr. Malherbe. |
| 37. | II. Splendida Drap.
<i>France.</i> | Mr. Malherbe. |
| 38. | II. Ericetorum. Muller.
<i>Britain.</i> | H. E. Strickland. |

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| 39. | H. Olivetorum Gmelin.
<i>France.</i> | Mr. Malherbe. |
| 40. | H. Albella Drap. (not of Chemn, or Pennant)
<i>Algeria.</i> | Mr. Malherbe. |
| 41. | H. Pyrenaica. Drap.
<i>France.</i> | Mr. Malherbe. |
| 42. | H. Obvoluta Muller.
<i>France.</i> | Mr. Malherbe. |
| 43. | H. Lapidula Lin.
<i>France.</i> | Mr. Malherbe. |
| 44. | H. Cornea. Drap. (var.)
<i>France.</i> | Mr. Malherbe. |
| 45. | H. Carthusianella Muller.
<i>France.</i> | Mr. Malherbe. |
| 46. | H. Virgata Montagu.
<i>Britain.</i> | H. E. Strickland. |
| 47. | H. Rufescens Pennant.
<i>Britain.</i> | H. E. Strickland. |
| 48. | H. Srigella Drap.
a. <i>France.</i>
b. <i>Haltanana Gartner.</i>
<i>France.</i> | Mr. Malherbe.
Mr. Malherbe. |
| 49. | H. Ligera Say.
<i>Indiana.</i> | |

50. II. Planorboides. Fer.
 H. Concava Say.
 Indiana.
51. H. Terrestris Chemin. Mr. Malherbe.
 France.
52. II. Pyramidata Drap. Mr. Malherbe.
 France.
53. H. Obtecta Lowe. E. L. Layard.
 Porto Santo.
54. II. Hispida Lin. H. E. Strickland.
 Britain.
55. II. Perspectiva Say.
 Indiana.
56. H. Cellaria Muller. H. E. Strickland.
 H. Nitens Martin.
 Britain.
57. II. Lenticula Fer. Mr. Malherbe.
 France.
58. H. ——— H. E. Strickland.
 Britain.
59. II. Pulchella. Muller. H. E. Strickland.
 H. Paludosa Walker.
 Britain.
60. II. Crystallina Muller. H. E. Strickland.
 Not II, Crystallina of Dillwgn.
 Britain.

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| 61. | H. Pouzolzi Desh.
Corsica. Albania. | |
| 62. | H. Candaharica Pfr.
<i>Candahar.</i> | Capt. Hutton. |
| 63. | H. Bactriana. Hutton.
<i>Afghanistan.</i> | Capt. Hutton. |
| 64. | H. Sylvatica Drap.
<i>France.</i> | Mr. Malherbe. |
| 65. | H.
<i>Australia.</i> | Mr. Strange. |
| 66. | H. | Soc. Cab. |
| 67. | H.
<i>Britain.</i> | H. E. Strickland. |

(Helices of the Indian Region.)

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| 101. | H. Hæmastoma, L.
<i>Ceylon.</i>
a. b. c. d. e. (<i>vars.</i>) | E. L. Layard. |
| 102. | H. Waltoni Reeve.
<i>Ceylon.</i> | E. L. Layard. |
| 103. | H. Juliana Gray.
<i>Ceylon.</i> | E. L. Layard. |
| 104. | H. Ceylanica Pfr.
<i>Ceylon.</i> | E. L. Layard. |
| 105. | H. Vittata Mull.
<i>Ceylon.</i> | E. L. Layard. |

106. H. Fallaciosa Fer, E. L. Layard.
Ceylon.
107. H. Oxytes Benson.
Nanclai Ponji, Khasia Hills.
108. H. Tapeina Benson.
Sylhet (near.)
109. H. Bolus Benson. W. Theobald, Jr.
a. *Prome.*
b. depressed var do.
110. H. Labiata Pfr.
a. *Landour.* Capt. Hutton.
b. *Kumaon.* Major Wroughton.
111. H. Cestus Benson.
Sylhet (near.)
112. H. Achatina Gray. W. Theobald, Jr.
Maulmein.
113. H. Delibrata Benson.
Khasia Hills, Birma.
114. H. Cyclophlax Benson. Capt. Sherwill.
Darjeeling.
115. H. Castra Benson.
Darjeeling, Khasia Hills, Birma.
116. H. Merguiensis Philippi. W. Theobald, Jr.
Maulmein.
117. H. Gabata Gould.
Mergui.

Very closely allied to the last if not a marked var of it.

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| 118. | H. Pollux, Theobald.
<i>Teria Ghat, Khasia Hills.</i> | W. Theobald, Jr. |
| 119. | H. Monticola, Hutton.
<i>Western Himalayas.</i> | Sec. Cab. |
| 120. | H. Climacterica.
a. <i>Teria Ghat, Khasia Hills.</i>
b. Dwarf var from <i>Assam.</i> | W. Theobald, Jr. |
| 121. | H. Textrina Benson.
<i>Henzada on Irrawadi R.</i> | W. Theobald, Jr. |
| 122. | H. ———
<i>Pegu.</i> | Capt. Berdmore. |
| 123. | H. ———
a. <i>Prome on Irrawadi R.</i>
b. <i>Pegu.</i> | W. Theobald, Jr.
Capt. Berdmore. |
| 124. | H. Refuga Gould.
a. <i>Akoutong on Irrawadi R.</i>
b. <i>Var Dextrorsa.</i>
<i>Phaiethan on Tenasserim.</i> | W. Theobald, Jr. |
| 125. | H. Erronea Reeve.
<i>H. Rivolii Desh.</i>
<i>Ceylon.</i> | E. L. Layard. |
| 126. | H. Pylaica Benson.
<i>Maulmein.</i> | W. Theobald, Jr. |
| 127. | H. Hariola Benson.
<i>Thaetmio.</i> | |

128. II. ———— Capt. Berdmore.
Pegu.
129. H. Artificiosa Benson. W. Theobald, Jnr.
Tenasserim valley.
130. II. ———— E. L. Layard.
Ceylon.
131. H. ———— Capt. Berdmore.
Pegu.
132. H. Convallata Benson, W. Theobald, Jnr.
Therabuin H. Tenasserim Valley.
- A most singular shell of which but one adult specimen was found.
133. H. ———— Capt. Berdmore.
Pegu.
134. H. Chenui Pfr. E. L. Layard.
Ceylon.
135. H. ———— W. Theobald, Jnr.
Darjeeling.
136. H. Anceps. Gould. W. Theobald, Jnr.
Tenasserim Valley.
137. H. Plectostoma Benson. Soc. Cab.
Teria Ghat (near Sylhet.)
138. H. Serru'a Benson.
Teria Ghat.

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| 139. | H. Huttoni Pfr.
Landour, Darjeeling. | Capt., Hutton & Sherwill. |
| 140. | H. Acerra Benson.
Mergui. | W. Theobald, Jnr. |
| 141. | H. (Monticola ?)
<i>Masuri.</i> | |
| 142. | H. Lecythis (?) Benson.
a. <i>Masuri</i> ,
b. <i>Rajmahal.</i> | |
| 143. | H. Resplendens ?
Mergui. | W. Theobald, Jnr. |
| 144. | H. Splendens Hutton.
<i>Western Himalayas.</i> | Capt. Hutton. |
| 145. | H. ————
<i>Pegu, Maulmein.</i> | Capt. Berdmore,
W. Theobald, Jnr. |
| 146. | H. ————
<i>Pegu.</i> | Capt. Berdmore. |
| 147. | H. ————
<i>Sylhet.</i> | |
| 148. | H. Attegia. Benson.
<i>Birma.</i> | Capt. Berdmore. |
| 149. | H. Arx Benson.
<i>Therahuin Hill and Tenasserim Valley.</i> | W. Theobald, Jnr. |
| 150. | H. ————
<i>Ceylon.</i> | E. L. Layard. |

151. H. Honesta Gould. Capt. Berdmöre,
Maulmein. W. Theobald, Jnr.
152. H. ——— W. Theobald, Jnr.
Mergui.
153. H. Bombax Benson. W. Theobald, Jnr.
Maulmein.
- This is merely the young in my opinion of *Sreptaxis Petiti*.
154. H. Diplodon.
Sylhet.
155. H. Interrupta Benson.
Bengal.
156. H. ——— Soc. Cab.
157. H. ——— W. Theobald, Jnr.
Punjab Salt Range.
158. H. Laidlayana Benson.
Midnapore.
159. H. Ligulata Fer. Capt. Haughton.
Chaibassa.
160. H. Tapeina Benson. Capt. Berdmöre.
Pegu.
161. H. Rorida Benson. W. Theobald, Jnr.
Darjeeling.
162. H. Infula Benson, Soc. Cab.
Calcutta.

163. H. ——— W. Theobald, Jnr.
Marak Hill Karakpur.

164. H. Vitellina Pfr.

165. H. Semirugata Beck. E. L. Layard.
Ceylon.

166. H. ——— Dr. Tonncere.
Opula.
 a. *Navigators Islands.*
 b. *Tahiti.*

167. H. ——— Capt. Lewis.
Tranquebar.

168. H. Tugurium Benson.
Darjeeling.

169. H. Andamanensis, n. s. Soc. Cab.
Andamans.

170. H. Molecula. W. Theobald, Jnr.
Rangoon.
 Abounds on the great Pagoda.

Gen. HYPSILOSTOMA BENSON.

1. H. Tubiferum Benson. W. Theobald, Jnr.
 Near the Coal mines, below Thaitmion on Limestone rocks.

Gen. STREPTAXIS. GRAY.

1. S. Petiti Gould. Capt. Berdmore, & W.
Maulmein. Theobald, Jnr.

Gen. BULIMUS. SCOPOLI.

1. B. Ovatus Muller.
Brazil.
2. B. Miltocheilus Reeve. Mr. Strange.
San Christoval, Solomon's Group.
3. B. Concinnus.
4. B. Citrinus.
a. *Singapore.* Major Guthrie.
b. (*Var atricallosus.*) *Mergui.* W. Theobald, Jnr.
c. *Var.* J. Russel Esq.
d. *Var.*
5. B. Janus. Pfr. W. Theobald, Jnr.
South of Mergui.
6. B. Zebra Muller. Messrs. Layard &
B. Undatus. Von de Busch.
Jamaica, Bahia.
7. B. Dufresnii Leach. Mr. Abbot.
Van Dieman's Land.
8. B. Trifasciatus Chem (?) E. L. Layard.
Ceylon.
9. B. Phasianellus, Valenciennes. Von de Busch.
B. Iostoma Sow.
Monte Video.
10. B. Pantagruelinus.
Brazil.

11. B. Rosaceus King. Soc. Cab.
 B. Chiliensis Sowerby.
 Not *B. Chiliensis* of Lesson.
 Chili.
12. B. Punctulatissimus Lesson.
 Brazil.
13. B. Coturnix.
 Chili.
14. B. Pudicus Desh. Von de Busch.
 Brazil.
15. B. Coquimbensis Sowerby. Soc. Cab.
16. B. Signatus, Spix (sp.) Von de Busch
 Brazil.
17. B. Distortus, Brug. Soc. Cab.
 B. Euryomphalus.
 Venezuela.
18. B. Decollatus Lam.
19. B. ———
20. B. Tridens Mull. Mr. Malherbe.
 Pupa. Tridens Drap.
 France.
21. B. Kunawarensis Hutton.
 Kunawar.
22. B. Candelaris, Pfr.
 Takt-i- Soliman, Kashmir.

23. B. Salsicola Benson. W. Theobald, Jnr.
Punjab Salt Range.
24. B. Detritus Muller. Messrs. Malherbe, &
B. Roliatus Brug. Von de Busch.
France, Germany.
25. B. Sindicus Benson. W. Theobald, Jnr.
Punjab Salt Range.
26. B. Arcuatus Pfr. Capt. Hutton.
Mahasu Western Himalaya 8,000 ft.
27. B. Pullus Gray. Capt. Hutton, &
B. Insularis Ehr. W. Theobald, Jnr.
a. b. c. *India, Northern and Central.*
d. *Ceylon.* E. L. Layard.
28. B. Vibex.
Masuri.
29. B. Martanus Drap. H. E. Strickland, &
B. Lachamensis Fleming. Von de Busch.
Europe.
30. B. Bengalensis.
Calcutta.
31. B. Theobaldianus Benson. W. Theobald, Jnr.
Yanglaw on Tenasserim, R.
32. B. Erythrostoma Sowerby. Soc. Cab.
Chili.
33. B. Sikkimensis Reeve. Capt. Sherwill.
Darjeeling.

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| 34. | B. <i>Acutus</i> . | M. Malherbe. |
| | Oran. | |
| 35. | B. <i>Punctatus</i> . Anton. | E. L. Layard. |
| | <i>Ceylon</i> . | |
| 36. | B. <i>Cænopictus</i> Hutton. | Capt. Hutton. |
| | a. <i>Quettah</i> . | |
| | b. <i>Ceylon</i> . | E. L. Layard. |
| 37. | B. (<i>Spiraxis</i>) <i>Gracilis</i> Hutton. | Capt. Hutton. |
| | <i>India generally, Birma</i> . | |
| 38.] | B. (<i>Spiraxis</i> .) sp. | Dr. Tonnere. |
| | <i>Shanghai</i> . | |
| 39. | B. (<i>Spiraxis</i> .) sp. | E. L. Layard. |
| | <i>St. Helena</i> . | |
| 40. | B. <i>Mavortius</i> Reeve. | E. L. Layard. |
| | <i>Ceylon</i> . | |
| 41. | B. <i>Abyssinicus</i> Ruppel. | W. Theobald, Jnr. |
| | <i>Mandu Ghur (Malwa,) Abyssinia</i> . | |
| 42. | B. <i>Quadridens</i> Mull. | M. Malherbe. |
| | <i>Pupa Quadridens Drap.</i> | |
| | <i>France</i> . | |

Gen. PARTULA FERUSSAC.

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| 1. | P. ——— | |
| 2. | P. ——— | Dr. Tonnere. |
| | <i>Mona Is. near Tahiti</i> . | |

3. P. ——— Dr. Tonnere.
Tahiti.
4. P. ——— Dr. Tonnere.
Navigator's Islands.

Gen. ACHATINA LANARCK.

1. A. Bicanaliculata Lam. E. Blyth.
A. *Sinistrorsa* Pfr.
Madagascar, Princes Isds. West Africa.
2. A. Reticulata, Pfr. M. Lietard.
Mauritius, Africa.
3. A. Fasciata Swainson. Soc. Cab.
A. *Vexillum* Brug.
Cuba.
4. A. Fulica Ferussac.
Calcutta, Mauritius.
This Species now abundant in Calcutta, was introduced
from the Mauritius a few years ago, and now abounds
about Park Street.
5. A. Chessoni. W. Theobald, Jnr.
Mahabaleshwar.
6. A. Prælustris Benson. W. Theobald, Jnr.
Midnapur.
7. A. ——— Capt. Sherwill.
Rajmahal.
8. A. ——— E. L. Layard.
Ceylon.

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| 9. | A. Cassiaca Benson.
<i>Assam, Khasia Hills.</i> | Soc. Cab. |
| 10. | A. Tenuispira.
a. <i>Darjeeling</i> (large var ?)
b. <i>Thaetmio.</i> | Capt. Sherwill.
W. Theobald, Jnr. |
| 11. | A. Ceylanica Pfr.
<i>Ceylon.</i> | E. L. Layard. |
| 12. | A. Nitens Gray.
<i>Ceylon.</i> | E. L. Layard. |
| 13. | A. ———
<i>Calcutta.</i> | Soc. Cab. |
| 14. | A. ———
<i>Sylhet.</i> | Soc. Cab. |
| 15. | A. ———
<i>Sylhet.</i> | M. Skipwith. |
| 16. | A. Folliculus.
<i>Oran.</i> | M. Malherbe. |
| 17. | A. Erecta Benson.
<i>Chusan, Macao.</i> | W. H. Benson. |
| 18. | A. Lubrica Mull.
<i>Britain.</i> | H. E. Strickland. |
| 19. | A. Tridens Pulteney.
<i>Pupa tridens Gray.</i>
<i>P. Gordalii Mich.</i>
<i>Azeca tridens Leach.</i>
<i>France.</i> | Mr. Malherbe. |

Gen. BOYSIA BENSON.

1. B. Bensoni Pfr. W. Theobald, Jr.
Katiwar, Central India.

Gen. GIEBUS MONTFORT.

1. G. Lyonettianus Pallas.

Gen. PUPA DRAP.

1. P. Uva Lin. Von de Busch.
Cuba.
2. P. Chrysalis Fer. Soc. Cab.
Guadalope, Martinique.
3. P. ——— Dr. Tonnere.
Shanghai.
4. P. Quinquedentata Born. Mr. Malherbe.
P. Cinerea Drap.
France.
5. P. Variabilis Drap. Mr. Malherbe.
France.
6. P. ——— Dr. Tonnere.
Shanghai.
7. P. Planyunculus Bens. W. Theobald, Jr.
Katak.
8. P. Seriola Bens. W. Theobald, Jr.
Katak.
9. P. Bathyodon Bens. W. Theobald, Jr.
Nurbudda Valley.

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| 10. | P. Plicidens Bens.
a. <i>Cherra Poonji</i> .
b. <i>Landour</i> . | W. Theobald, Jnr.
Capt. Hutton. |
| 11. | P. Secale Drap.
<i>France</i> . | Mr. Malherbe. |
| 12. | P. Avena Drap.
<i>France</i> . | Mr. Malherbe. |
| 13. | P. Cylindrica Michand.
<i>France</i> . | Mr. Malherbe. |
| 14. | P. Farenesii Desm.?
<i>France</i> . | Mr. Malherbe. |
| 15. | P. (Ennea). Bicolor Hutton.
<i>India generally</i> . | Capt. Hutton.
Soc. Cab. |
| 16. | P. Brevicostis, Benson.
<i>Barackpore</i> . | Dr. Bacon. |
| 17. | P. Muscorum Lin.?
<i>P. Marginata</i> Drap.
Britain. | H. E. Strickland. |

Gen. CLAUSILIA DRAP.

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| 1. | C. Loxostoma Benson.
<i>Teria Ghat</i> . | E. Blyth. |
| 2. | Insignis Gould.
<i>Maulmein, Pegu</i> . | Capt. Berdmore. |
| 3. | C. Cylindrica Gray.
<i>C. Elegans</i> Hutton.
<i>Western Himalaya</i> . | Soc Cab. |

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| 4. | C. Ios' Benson.
<i>Darjeeling.</i> | W. Blanford. |
| 5. | C. Philippiana Gould.
<i>Maulmein, Tenasserim Valley.</i> | W. Theobald, Jr. |
| 6. | C. Laminata Montagu.
<i>C. Bidens Drap.</i>
<i>Germany, France.</i> | Messrs. Von de Busch
& Malherbe. |
| 7. | C. Acuta Benson.
<i>Chusan.</i> | Dr. Cantor. |
| 8. | C. Plicata Drap.
<i>Germany.</i> | Von de Busch. |
| 9. | C. Ventricosa Drap.
<i>France.</i> | Mr. Malherbe. |
| 10. | C. Parvula.
<i>a Germany.</i>
<i>b France.</i> | Von de Busch.
Mr. Malherbe. |
| 11. | C. Macarana Zeigler.
<i>C. Macascarensis Sow.</i>
Macarsca (Dalmatia.) | Soc Cab. |
| 12. | C. Biplicata Montagu (?)
<i>C. Perversa.</i>
<i>Montrose.</i> | Mr. Mitchell. |
| 13. | C. Nigricans Maton.
<i>Britain.</i> | H. E. Strickland. |

Fam. II. LIMACIDÆ.

Gen. PARMACELLA CUVIER.

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| 1. | P. Rutella Hutton.
<i>Candahar.</i> | Capt. Hutton. |
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*Fam. III. LIMNÆIDÆ.**Gen. LIMNÆA LAMARCK.*

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| 1. | <i>L. Stagnalis</i> Lam. | Von de Busch. |
| | a. <i>Germany.</i> | Mr. Malherbe. |
| | b. <i>France.</i> | |
| | c. <i>England.</i> | H. E. Strickland. |
| 2. | <i>L. Acuminata.</i> | |
| | <i>L. Chlamys Bens.</i> | |
| | <i>Plains of India.</i> | |
| 3. | <i>L. Luteola.</i> | |
| | <i>L. Bulla Bens.</i> | |
| | a. <i>Plains of India.</i> | |
| | b. <i>Dwarf Calcutta.</i> | |
| 4. | <i>L. ———</i> | Mr. Robinson. |
| | <i>Assam.</i> | |
| 5. | <i>L. Variabilis,</i> | Capt. Sherwill. |
| | a. <i>Bhagulpur.</i> | |
| | b. <i>Punjab.</i> | W. Theobald, Jr. |
| 6. | <i>L. Auricularia</i> Lam. | Mr. Malherbe. |
| | a. <i>France.</i> | H. E. Strickland. |
| 7. | <i>L. Peregra.</i> | H. E. Strickland. |
| | <i>England.</i> | |
| 8. | <i>L. Palustris</i> Lam. | H. E. Strickland. |
| | a. <i>England.</i> | |
| | b. <i>———</i> | |
| 9. | <i>L. Fossaria.</i> | H. E. Strickland. |
| | <i>England.</i> | |

10. *L. Pellucida.* E. L. Layard.
Ceylon.
11. *L. Leucistoma.* Mr. Malherbe.
France.
12. *L. Bactriana* Hutton. Capt. Hutton.
Candahar.
- L. (Dwarf of L. Luteola ?)*
Calcutta.
- L. (Dwarf of L. Variabilis.)* W. Theobald, Jnr.
Salt Range.

Gen. PHYSA, DRAPARNAUD.

1. *P. ———*
Madagascar.
2. *P. Novæ Hollandiæ.* Soc. Cab.
New Holland.
3. *P. ———* Mr. Strange.
Australia.
4. *P. Elliptica* Lea. Von de Busch.
Ohio.
5. *P. Hypnorum.* H. E. Strickland &
Mr. Malherbe.
England and France.

Gen. ANCYLUS, GEOFFROY.

1. *A. Fluvialis.* A. Kerr.
England.

2. A. Verruca Bens.
Rohilkund.

Gen. VELLETTIA. GRAY.

1. V. Lacustris. Mr. Mitchell.
Scotland.

Gen. PLANORBIS, MULLER.

1. P. Corneus Lam. Von de Busch.
Germany.
2. P. Trivolvis Len. Von de Busch.
Ohio.
3. P. Coromandelianus Fab.
a. *Plains of India.* E. L. Layard.
b. *Ceylon.* Captain Hutton.
c. *Masuri.*
4. P. ————— ? Soc. Cab.
5. P. Vortex. H. E. Strickland.
England.
6. P. Compressus Bens. Captain Hutton.
Plains of India.
a. *Plains of India. (Moradabad.)*
b. *Candahar.* Captain Hutton.
7. P. Contortus. H. E. Strickland.
England.
8. P. Albus. H. E. Strickland.
England.

9. P. Spirorbis. H. E. Strickland.
England.
10. P. Calathus Bens.
Plains of India (Moradabad.)
11. P. Trochoides Bens.
Plains of India (Barackpore.)

Fam. V. AURICULIDÆ.

Sub-Fam. OTINEA.

1. Otinea Gray.
2. Captonyx Benson.

Sub-Fam. MELAMPEA.

3. Melampus. Montfort.
4. Marinula. King.
5. Pedipes. Adanson.

Sub-Fam. AURICULEA.

6. Pythia. Bolten.
7. Plectotrema. H et A Adams.
8. Cassidula. Ferussac.
9. Auricula. Lamarck.
10. Alexia. Leach.
11. Blauneria. Shuttleworth.

12. *Leuconia*. Gray.
13. *Carychium*. O. F. Muller.

Sub-Fam. PROSERPINACEA.

14. *Ceres*. Gray.
15. *Proserpina*. Gray.

Fam. V. AURICULIDÆ.*Gen.* CAMPTONYX BENSON.

1. *C. Theobaldi* Bens. W. Theobald.
Girnar Hill Katiwar.

Gen. MELAMPUS MONTFORT.

1. *M. Fasciatus* Desh. E. L. Layard.
Ceylon.
2. *M.* Mr. Tonnere.
Tahiti.
3. *M. Coniformis* Montf. E. L. Layard, and E. Blyth.
Jamaica.
4. *M.* W. MacLeod.
5. *M. Bidentatus* Say.
Essex Co. Mass.

Gen. PEDIPES.

1. *P. Quadridens* Pfr. E. L. Layard.
Jamaica.

2. P. W. Strange.
Australia.

Gen. PYTHIA BOLTEN.

1. P. Plicata Fer.
Near Calcutta.
2. P. Pantherina (?) Ad. E. L. Layard.
Ceylon.

Gen. CASSIDULA FERUSSAC.

1. C. Mustelina Desh. Messrs. MacLeod and
Penang. Tonnere.
2. C. Felis Ant. Soc. Cab.
Sunderbunds.
3. C. ——— Mr. Strange.
Australia.
4. C. ——— Mr. Strange.
Australia.

Gen. AURICULA LAMARCK.

1. A. Midæ Lam. F. W. Russel.
Singapore.
2. A. Judæ Lam. Soc. Cab.
Penang.
3. A. ——— Soc. Cab.
Penang.
4. A. ——— W. Abbot.

5. A. ————— E. L. Layard.
Ceylon.

6. A. ————— Soc. Cab.

Gen. ALEXIA LEACH.

1. A. Denticulata. Messrs. Strickland and Mitchel.
England.

2. A. ————— Mr. Strange.
Australia.

Gen. CARYCHIUM MULLER.

1. C. Indicum Ben.
Landour.

2. C. ————— E. L. Layard.
Jamaica.

3. C. Minimum. H. E. Strickland.
England.

Table of Genera of the Pneumonopomes

According to Pfeiffer, 1858. (Monographia Pneumonopomorum.)

SUBORDO. 1. OPISTHOPTHALMA.

Fam. I.—ACICULACEÆ.

1. Acicula Hartmann.
2. Geomelania Pfeiffer.
3. Truncatella Risso.

Fam. II.—DIPLOMMATINACEÆ.

4. Diplommatica Benson.
5. Paxillus H. et E. Adams.

SUBORDO II ECTOPHTHALMA.

*Fam. I.—CYCLOSTOMACEÆ.**Sub-Fam. I.—CYCLOTEA.*

1. *Cyclotus* Guilding.
2. *Opisthophorus* Benson.
3. *Pterocyclos* Benson.
4. *Alycæus* Gray.

Sub-Fam. II.—CYCLOPHOREA.

5. *Craspedopoma* Pfeiffer.
6. *Aulopoma* Troschel.
7. *Cyclophorus* Montfort.
8. *Leptopoma* Pfr.
9. *Dermatocera* H. et A. Adams.

Sub-Fam. III.—PUPINEA.

10. *Megalomastoma* Guilding.
11. *Cataulus* Pfeiffer.
12. *Rhaphaulus* Pfeiffer.
13. *Streptaulus* Benson.
14. *Pupinella* Gray.
15. *Pupina* Vignard.

16. *Registoma* Hasselt.

17. *Callia* Gray.

Sub-Fam. IV.—LICINÆ.

18. *Jamaicea* C. B. Adams.

19. *Licina* Gray.

20. *Choanopoma* Pfeiffer.

21. *Ctenopoma* Shuttleworth.

22. *Adamsiella* Pfeiffer.

Sub-Fam. V.—CYCLOSTOMEÆ.

23. *Lithidion* Gray.

24. *Otopoma* Gray.

25. *Cyclostomus* Montfort.

26. *Tudora* Gray.

27. *Leonia* Gray.

Sub-Fam. VI.—CISTULÆ.

28. *Cistula* Gray.

29. *Chondropoma* Pfeiffer.

Sub-Fam. VII.—POMATIATÆ.

30. *Pomatias* Studer.

Sub-Fam. VIII.—REALIA.

31. *Realia* Gray.
32. *Hydrocena* Parreyss.
33. *Bourciera* Pfeiffer.

Fam. II.—HELICINACEA.

1. *Stoastoma* C. B. Adams.
2. *Trochatella* Swainson.
3. *Lucidella* Swainson.
4. *Helicina* Lamarck.
5. *Schasicheila* Shuttleworth.
6. *Alcadia* Gray.

SUBORDO. 1.—OPISTHOPHTHALMA.

*Fam. 1.—ACICULACEÆ.**Gen. TRUNCATELLA* RISSO.

- | | | |
|----|--|---------------|
| 1. | <i>T. Ceylanica.</i>
<i>Ceylon.</i> | E. L. Layard. |
| 2. | <i>T. Adamsi</i> Pfr.
<i>Jamaica.</i> | E. L. Layard. |
| 3. | <i>T. ————</i>
<i>Andamans.</i> | |

Fam. DIPLOMMATINACEÆ.*Gen.* DIPLOMMATINA BENSON.

- | | | |
|----|-------------------------|-----------------|
| 1. | D. Folliculus Pfr. | Captain Hutton. |
| | <i>Landour.</i> | |
| 2. | D. Costulata Hutton. | Captain Hutton. |
| | <i>Landour.</i> | |
| 3. | D. Pachycheilus Benson. | W. Blanford. |
| | <i>Darjeeling.</i> | |
| 4. | D. Blanfordiana. | W. Blanford. |
| | <i>Darjeeling.</i> | |

SUBORDO II.—ECTOPHTHALMA.

Fam. I. CYCLOSTOMACEÆ.*Sub-Fam.* I. CYCLOTEA.*Gen.* CYCLOTUS GUILD. SWAINS. GRAY.

- | | |
|----|------------------|
| 1. | C. Semistriatus. |
| | Poona. |

Gen. PTEROCYCLOS. BENSON.

- | | | |
|----|---------------------------------|----------------------|
| 1. | P. Hispidus Bens. | Messrs. Skipwith and |
| | <i>Teria Ghat, Khasi Hills.</i> | W. Theobald, Jr. |
| 2. | P. Hispidus, (dwarf var.) | Messrs. Skipwith & |
| | <i>Teria Ghat.</i> | W. Theobald, Jr. |
| 2. | P. Rupestris Bens. | |
| | Rajmahal. | |

3. P. Cumingi Pfr. E. L. Layard.
Ceylon.
4. P. Pullatus Bens. W. Theobald, Jr.
Akowitzong on the Irawadi.

Gen. ALYCÆUS GRAY.

- 1 A. Physis Benson. Capt. Sherwill.
Darjeeling.
2. A. Umbonalis Benson. W. Theobald, Jr.
Akowitzong on Irawadi.
3. A. Pyramidalis. W. Theobald, Jr.
Therabuin Hill, on Tenasserim.
4. A. Strangulatus Hutton.
Landour.

Sub-Fam. CYCLOPHOREA.

Gen. AULOPOMA TROSCHEL.

1. A. Itieri ? E. L. Layard.
Ceylon.
2. A. ——— E. L. Layard.
Ceylon.
3. A. ——— E. L. Layard.
Ceylon.

Gen. CYCLOPHORUS.

1. C. Aurantiacus Schum. W. Theobald, Jnr.
C. Pernobilis Gould.
 Tenasserim Valley.
2. C. ——— Capt. Berdmore.
Pegu.
3. C. Excellens Pfeiffer. W. Theobald, Jnr.
C. Haughtoni, Theobald.
 a. *Maulmein.*
 b. *Pegu.* Capt. Berdmore.
4. C. ——— Capt. Lewis.
Tranquebar.
5. C. Niligricus. Capt. Hutton.
Coorg.
6. C. Pearsoni Benson.
 a. *Sylhet.* Mr. Skipwith.
 b. *Assam.* Mr. Robinson.
 c. *Dwarf Sylhet.* Mr. Skipwith.
7. C. Aurora Benson. Capt. Sherwill, and
Darjeeling. W. Theobald, Jnr.
8. C. Himalayanus ? Capt. Sherwill.
Darjeeling.
9. C. Semisulcatus Sow. Mr. Moxon.
 Singapore sp.
10. C. Siamensis. W. Theobald, Jnr.
Teria ghat near Sylhet.

- | | | |
|-----|-------------------------|-------------------|
| 11. | C. Involvulus. | |
| | a Midnapur (?) | Soc. Cab. |
| | b Ceylon. | E. L. Layard. |
| 12. | C. Pyrotrema Benson. | |
| | a Rajmahal. | Capt. Sherwill. |
| | b Chittagong. | Mr. Skipwith. |
| 13. | C. Fulguratus. | |
| | Prome (near.) | W. Theobald, Jnr. |
| 14. | C. Speciosus. | |
| | Pegu. | Capt. Berdmore. |
| 15. | C. Balteatus. | |
| | Pegu. | Capt. Berdmore. |
| 16. | C. Expansus. | |
| | Tenasserim Valley. | W. Theobald, Jnr. |
| 17. | C. Ceylanicus ? | |
| | Ceylon. | E. L. Layard. |
| 18. | C. Stenotomus Sow | |
| | Nilghiries. | W. T. Blanford. |
| 19. | C. ——— | |
| | Ceylon. | E. L. Layard. |
| 20. | C. Phænotopicus Benson. | |
| | Darjeeling. | Capt. Sherwill. |
| 21. | C. Calyx Benson. | |
| | Maulmein. | W. Theobald, Jnr. |
| 22. | C. ——— | |
| | Ceylon. | E. L. Layard. |

23. *C. Scissimargo* Benson. W. Theobald, Jnr.
Tenasserim Valley.
24. *C. Halophilus*. E. L. Layard.
Ceylon.
25. *C. Foliaceus*, Chemn. Soc. Cab.
Otopoma Naticoides Recl.
Andamans.

Gen. LEPTOPOMA PFR.

1. *L. Aspirans* Bens. W. Theobald, Jnr.
Tenasserim Valley.
2. *L. Cybeus* Bens. Mr. Skipwith.
Teria Ghat, Khasia Hills.

Sub-Fam. PUPINEA.

Gen. HYBOCYSTIS BENSON.

1. *H. Gravida* Benson. Capt. Berdmore.
Megalomastoma gravidum B. W. Theobald, Jnr.
Otopoma Blennus B.
Maulmein.

Gen. MEGALOMASTOMA GUILDING.

1. *M. Funiculatum* Benson. Capt. Sherwill.
Darjeeling.
2. *M. Sectilabrum* Guild. W. Theobald, Jnr.
Tenasserim Valley.

Gen. CATAULUS.

1. C. ———

Gen. STREPTAULUS BENSON.

1. S. *Blanfordi* Benson. W. Blanford.
Darjeeling.

Gen. PUPINA VIGNARD.

1. P. *Imbricifera* Benson. Mr. Skipwith.
Teria Ghat.
2. P. *Artata* Benson. W. Theobald, Jr.
Maulmein.
3. P. ——— Capt. Berdmore.
Pegu (Shui Gween)

Sub-Fam. LICINEA.*Gen.* ADANSIELLA PFEIFFER.

1. A. *Pulchrior* Adams sp. E. L. Layard.
Jamaica.

Sub-Fam. CYCLOSTOMEA.*Gen.* OTOPOMA GRAY.

- Clausum Sowerby. W. Theobald, Jr.
Katiwar.

Gen. CYCLOSTOMUS MONTFORT.

1. C. Bicarinatus Sow.
Madagascar.
2. C. Tectilabris Adams. E. L. Layard.
Jamaica.
3. C. Banksianus Sowerby.
C. *Hyacinthinum* Adams, E. L. Layard.
Jamaica.
4. C. Elegans Müll. H. E. Strickland.
England.
5. C. Sulcatus Drap. Mr. Malherbe.
France.

Gen. TUDORA GRAY.

1. T. Fecunda Adams. E. L. Layard.
Jamaica.
2. T. Maritima Adams. E. L. Layard.
Jamaica.

Gen. LEONIA GRAY.

1. L. Mammilaris Lam. Mr. Malherbe.
C. *Waltzianum* Sow.
Oran.

*Sub-Fam. VII. POMATIATEA.**POMATIAS STUDER.*

1. P. Maculatum Drap. Mr. Malherbe.
France.

2. *P. Himalayæ* Benson. H. Blanford, Esqr.
Darjeeling.

Sub-Fam. VIII. REALIEA.

Gen. HYDROCENA.

1. ———

Sub-Fam. II. HELICINACEA.

Gen. HELICINA.

1. *H. Neritella* Lam. E. L. Layard.
Jamaica.
2. *H. Crocina.* B Soc. Cab.
Andamans.
3. *H.* ——— Dr. Tonnere.
Shanghai.

ORDER.—OPISTHOBRANCHIATA.

Section A. Tectibranchiata.

Fam. TORNATELLIDÆ.

Gen. TORNATELLA LAM.

1. *T. Tornatilis* Lam. H. E. Strickland.
Britain.
2. *T. Solidula.* Soc. Cab.
3. *T.* ——— Soc. Cab.
Australia.

Fam. BULLIDÆ.*Gen.* BULLINA FER.

1. B. Lineata.

Australia.

Gen. APLUSTRUM. SCHUMACHER.

1. A. Thalassiarchi Martini.

Bulla Aplustre Lam.*Bone Bay, Ascension Island.* Mauritius.*Gen.* HYDALINA SCHUMACHER.

1. H. Physis Lin.

Soc. Cab.

*Mauritius.**Gen.* SCAPHANDER MONTFORT.

1. S. Lignaria Lin.

*Sicily, England,**Gen.* BULLA KLEIN.

1. B. Ampulla Lin.

Philippines.

2. B. Australis Quoyet Gain.

Mr. Strange.

Australia Tahiti.

3. B. Adansoni Philippi.

Senegambia.

4. B. n. s.

Mr. Hart.

New Zealand.

Near B. Media of the West Indies.

5. B. Quoyii Gray. Mr. Strange.
Australia.
6. B. Occidentalis Adams (?) Mr. McLeod.
 West Indies.

Gen. ATYS.

1. A. Naucum Lin.
Philippines.
2. A. Cylindrica Helblings.
 a. *Philippines.*
 b. Marked *Cylindrica* but nearer *A. Elongata* Adams.

Gen. CYLICHNA.

1. C. Concinna Adams. Mr. Hodges.
Aden.

Gen. PHILENE.

1. P. Schræteri Philippi.
B Aperta. Montfort.
 a. *Philippines.* Soc. Cab.
 b. *Britain.* H. E. Strickland.

Fam. PLEUROBRANCHIDÆ.

Gen. UMBRELLA CHEMNITZ.

1. U. Indica Lam. Soc. Cab.
 Eastern Seas.

CLASS BRACHIOPODA.

Fam. TEREBRATULIDÆ.

WALDHEIMIA, KING.

1. W. Australis Quoy.
 - b. Smooth var.
 - c. Young.

Gen. TEREBRATELLA. D'ORBIGNY.

1. T. Zelandica Desh.
New Zealand.

Fam. RHYNCHONELLIDÆ.*Gen.* RHYNCHONELLA FISCHER.

1. R. Psittacea Lam.
Labrador.

CLASS. CONCHIFERA.

Section A. Asiphonida.

Fam. I. OSTREIDÆ.*Gen.* OSTREA, L.

- | | |
|-------------------|---------------|
| 1. O. Edulis L. | Mr. Mitchell. |
| Montrose. | |
| 2. O. ——— | Mr. Strange. |
| <i>Australia.</i> | |
| 3. O. ——— | E. L. Layard. |
| <i>Ceylon.</i> | |

4. O. ———

Van Dieman's Land.

5. O. ———

W. Theobald, Jr.

Katiwar.

Gen. ANOMIA. LIN.

1. A. Ephippium.

H. E. Strickland

a. Britain.

b. ———

Mr. McLeod.

2. A. ———

Mr. Strange.

3. A. Squamata.

Essex Co. Mass.

Gen. PLACUNA. SOLANDER.

1. P. Placenta.

Indian Seas.

2. P. Sella.

Gen. PECTEN. O. F. MULLER.

1. P. Jacobæus Lin. sp.

Mediterranean.

2. P. Japonicus Gmel sp.

Japan, China.

3. P. Pleuroneces. Lin. sp.

China.

4. P. Magellanicus. Gmel. sp.

Mass. Banks of Newfoundland.

5. *P. Opercularis* Lin. sp.
Seas of Europe.
6. *P. Fumatus*. Mr. Strange.
Australia.
7. *P. Purpuratus* Lam. Soc. Cab.
Bay of Callao.
8. *P. Irradians* Lam.
P. Concentricus Say.
Massachusetts.
9. *P. Tranquebarica* Gmel. sp.
Bay of Bengal.
10. *P. Plica* Lin. s p. F. J. Russel.
China, Ceylon.
11. *P. Nobilis* Reeve. Fig. 134. Mr. Strange.
Moreton Bay. Australia.
Reeve figures two species under this name at Figs. 134 and 3.
12. *P. Tegula*, Wood. Mr. Strange.
Sydney.
13. *P. Varius* Lin. sp.
Britain.
14. *P. Histrionicus* Gmelin.
Eastern Seas.
15. *P. Australis*, Sow.
Van Dieman's Land.

16. *P. Pseudolima* Sow. (var ?)

Bay of Bengal. Philippines.

These specimens are larger than that figured by Reeve, but they are probably a var of this specie.

17. *P. Islandicus.*

Massachusetts.

18. *P. Subrufus.* Turton.

Britain.

19. *P. ———*

Van Dieman's Land.

20. *P. Nobilis* Reeve Fig. 3, (?).

Japan (Young.)

The locality of this specimen is not given, but it seems to agree sufficiently with Fig 3 though smaller. It must not be confounded with a shell figured at Fig. 134, under the same name.

21. *P. Cuneatus* Reeve (?).

Moluccas.

Gen. LIMA. BRUG.

1. *L. sp* Mr. Lietard.

St. Diego, California, close to *L. Squamosa* but the recorded habitat of specimens differ widely from that of *L. Squamosa*

2. *L. Squamosa* Lam. Mr. Strange.

Australia.

- 3. *L. Bullata* Chem.

4. *L. Scabra* (?). Soc Cab.

Gen. SPONDYLUS.

1. *S. Aurantius* Lam.
Seychelles.
2. *S. Imperialis* Chem.
China.
3. *S. Ducalis* Chem.
Philippines.
4. *S. Podopsidens.* Soc Cab.

Gen. PEDUM BRUG.

1. *P. Spondiloides.* Gmel sp.
Mauritius.

Gen. PLICATULA. LAM.

1. *P. Ramosa, (?)* E. L. Layard.
America, (?)
2. *P. Variabilis.* W. Theobald, Jnr.
Katiwar.

*Fam. AVICULIDÆ.**Gen. AVICULA. BRUG.*

1. *A. Hirundo. L.* H. J. Russel.
Mediterranean.

Gen. MELEAGRINA LAM.

1. *M. —————* Mr. MacLeod.

- | | | |
|----|------------------------------|---------------|
| 2. | M. Margaritifera. | E. L. Layard. |
| | a. <i>Ceylon.</i> | |
| | b. <i>Socotra.</i> | Mr. Lynch. |
| | c. <i>Ceylon.</i> | Mr. MacLeod. |
| | d. Young, do. | E. L. Layard. |
| | e. <i>Andamans.</i> | |
| 3. | M. ——— | F. J. Russel. |
| 4. | M. ——— | |
| | a. <i>Van Dieman's Land.</i> | Mr. Abbot. |
| | b. <i>Torres Straits.</i> | Dr. Tonnere. |

Gen. MALLEUS LAM.

- | | | |
|----|------------------|-----------|
| 1. | M. Normalis. | Soc. Cab. |
| 2. | M. Albus. | |
| 3. | M. Vulgaris Lam. | |
| | China. | |

Gen. VULSELLA LAM.

- | | | |
|----|----------------|------------|
| 1. | V. Lingulata ? | |
| 2. | V. ——— | Mr. Abbot. |

Gen. PERNA BRUG.

- | | | |
|----|--------------|--------------|
| 1. | P. ——— | Dr. Tonnere. |
| 2. | P. ——— | Soc. Cab. |
| 3. | P. Vulgaris. | Soc. Cab. |

Gen. PINNA L.

- 1.
- P. Japonica.*

Japan.

A young shell only figured in Reeve. Habitat of the Society's specimen unknown.

- 2.
- P. Hanleyi (?)*

Amboyna.

- 3.
- P. Nigra.*

Andamans, Philippines.

- 4.
- P. Philippinensis.*

E. L. Layard.

Ceylon.

Reeve's description takes no notice of the deeply channelled furrow down the inside of each valve, commencing just below the umbonal scar.

- 5.
- P. Augustana Lam.*

Moluccas.

- 6.
- P.*

Bay of Bengal.

- 7.
- P.*

Mr. Lietard.

*St. Diego.**Gen. MYTILUS. L.*

- 1.
- M. Edulis L.*

a. *Var Pellucidus.**Massachussets.*b. *Montrose.*

Mr. Mitchel.

c. *Small var.**Massachussets.*

2. M. Smaragdinus (var ?)
 - a. *Bay of Bengal.*
 - b. ———
 - c. *Canton.* Dr. Cantor.
3. M. ———
4. M. ———
5. M. ——— E. L. Layard.
Ceylon.
6. M. ———
7. M. Menkeanus. Philippi.
New South Wales.
8. M. ———
Something like M. Bifurcatus but larger and probably distinct.

Gen. MODIOLA LAM.

1. a. M. Modiolus. L.
b. *Massachussets.*
2. M. Albicostata. Lam. Mr. Abbot.
Van Dieman's Land.
3. M. Plicatula,
Salem Mass.
4. M. Tulipa var. (?)
Marked M. Abicostata.
5. M. Impacta. Messrs. Hart. and Tonnere.
Mytilus Cor. Martyn.
M. Discors Lam (not Lin.)
New Zealand.

6. M. Cumingiana Dunker. Mr. Abbot.
Van Dieman's Land.
7. M. Glandula Totten.
Mussachussets.
8. M. ——— n. s. Mr. Strange.
Australia.
9. M. ——— Mr. Strange.
Australia.
10. M. Emarginata. Benson.
Tolley's Nulla, Calcutta.

Gen. LITHODOMUS CUV.

1. L. Lithophagus. L.
2. L. Gruneri var. Mr. Hart.
New Zealand.
3. L. Caudigerus Lam.
West Indies.

Gen. DREISSENA VAN BENEDEN.

1. D. Polymorpha. Pallas. Messrs. Strickland & Malherbe.
Britain, Europe.
2. D. Hamatus. Say. Mr. Lietard.
St Diego, California.
3. D. Hirsutus. Lam. Mr. Strange.
Australia.
4. D. Nicobarica. Chem.
Bay of Bengal.

5. *D. Rostratus*? Dunker. Soc. Cab.
Tasmania.
6. *D. ———* sp.
7. *D. ———* sp. Dr. Tonnerre.
Quins Island.

Fam. ARCADÆ.

Gen. ARCA L.

1. *A. Tortuosa* Lin. Soc. Cab.
Philippines.
2. *A. Semitorta* Lam.
Philippines.
3. *A. Truncata* Sow.
Antilles, Pacific Ocean.
4. *A. Grotiana* n. s. Mr. Strange.
Australia, Port Philip.
5. *A. Decussata* Sow. W. Russel.
6. *A. Rhombea.*
Chinese Seas, Ceylon.
7. *A. Granosa.*
Philippines.
8. *A. Holoserica.*
St. Diego, Philippines.
9. *A. Fusca.* Mr. Abbot.
Torres Straits, Philippines.

10. A. Velata.
Andamans, Pacific Ocean.
11. A. Inæquivalvis. Soc. Cab.
12. A. Labiosa.
Penang.
13. A. Rotundicostata var. E. L. Layard.
Ceylon, Jiddha.
14. A. Ocellata var. Mr. Abbot.
Torres Straits.
Remarkable from the prominent rib-teeth on the hinge line.
15. A. Galactotes Benson. Dr. Cantor.
Chusan.
16. A. ——— Mr. Asphar.
Penang.
17. A. ——— Mr. Strange.
Australia.

Gen. SCAPHULA BENSON.

1. S. Pinna B. W. Theobald, Jnr.
Tenasserim River.
In freshwater but within influence of the tides.

Gen. CUCULLÆA LAMARCK.

1. C. Plicata.
Indian Ocean.
2. C. ———
Bay of Bengal.

Gen. PECTUNCULUS LAM.

1. *P. Scriptus.*
West Indies.
2. *P. Glycimeris.*
British Seas.
3. *P. Pilosus (?)*
Mediterranean.
4. *P. Pectiniformis.*
Eastern Seas.
5. *P. Holeserica.* Mr. Strange.
a. *Australia.*
b. (var ?) *New Zealand.* Mr. Hart.

Gen. NUCULA LAM.

1. *N. Proxima.*
Massachussets, Essex Co.
2. *N. ———* Mr. Strange.
Australia.
3. *N. ———* Soc. Cab.

*Fam. V. TRIGONIADÆ.**Gen. TRIGONIA BRUGNIERE.*

1. *T. Pectinata.* Mr. Strange.
a. *Port Jackson, Australia.*
b. *Do. (var.)* Mr. Abbot.
Australia.

Fam. UNIONIDÆ.*Gen.* UNIO RETZ.

1. U. *Marginalis* Benson. Capt. Sherwill.
 - a. *Bhagulpur*.
 - b. *Calcutta*.
 - c. (*var*) *Candaharicus* Hutton. Capt. Hutton.
Candahar.
 - d. Small var and young.
 - e. *Tenasserim Provinces*. W. Theobald, Jnr.
 - f. *Distorted*.
2. U. *Corrugatus* Sow.
 - a. *U. Favidens* Benson. Mr. Benson.
Ram Gunga.
 - b. *Assam*. Mr. Robinson.
 - c. *Little Gunduk*.
 - d. Small var and young shells.
 - e. Var. (?) Ceylon. E. L. Layard.
 - f. Deformed shell.
3. U. *Levirostris* (?) Soc. Cab.
U. Corrugatus var. (?)
4. U. *Parma* Benson. W. Theobald, Jnr.
 - a. *Tenasserim River*.
 - b. *Young*.
6. U. *Cæruleus*.
 - a. *Bhagulpur*. Capt. Sherwill.
 - b. *Assam*. Mr. Robinson.
 - c. *Calcutta*. Soc. Cab.
 - d. *Bhagulpur*. Capt. Sherwill.
 - e. *Tenasserim River*. W. Theobald, Jnr.
 - f. *Young shells*.
7. U. *Scutum* Benson. W. Theobald, Jnr.
Tenasserim River.
8. U. *Crispisulcatus* Benson. W. Theobald, Jnr.
Feeders of Irawadee near Thaietmio.

9. U. Olivareus Lea. W. Laidlay.
Moradabad, Kalindree N. Maldah.
10. U. ———
Sylhet.
11. U. Plicatus. Dr. Gowan.
China.
Exhibits the method employed by the Chinese to obtain pearls
by the introduction of beads or other foreign substances be-
tween the mantle and shell of the living animal.
12. U. Atrocostatus (?).
- 12a. U. Undulatus Barnar.
Ohio, Miami.
This shell is undistinguishable from the last, though differently
named.
b. young.
13. U. Tumidus Retz.
Europe.
14. U. Gibbosus Lea. Von de Busch.
Ohio.
15. U. Ovatus.
Massachussets.
16. U. ———
Labelled U. Gibbosus but quite distinct from No. 14.
17. U. Flexuosus.
18. U. Canosus.
Ohio.

19. U. Subrotundus.
20. U. Truncatus Say.
Massachussets.
21. U. Asperimus. Von de Busch.
Ohio.
22. U. Radiatus.
Ohio.
23. U. Balanus. Mr. Malherbe.
France.
24. U. Ovalis.
25. U. ———
26. U. ——— T. W. Russel.
Aracan.
- A singularly interesting species exhibiting in a very marked degree the wing like expansion of the valves over the ligament which is observable in the American U. Alatus. The wing being formed by a shelly fold, the result of the expansion of either valve over the ligament, which is as it were rendered internal, and there being no joint or breach of continuity in the shelly layer or fold, the extent to which the animal can open its valves is inconsiderable, and determined by the elasticity of the shelly wing.
27. U. Multiplicatus.
Ohio.
28. U. Alatus Say.
29. U. Tuberculatus.
30. U. Subovatus.
Fox River Mich Ter.

31. U. Quadraulus.
32. U. Siliquoideus.
33. U. Cyphius.
34. U. Verrucosus.
35. U. Cicatricosus.
36. U. Costatus.
37. U. Fasciolaris.
 Mass.
38. U. Obliquus Lam.
 U. *Mytiloides* Raf.
 Camb. R.
39. U. Mytiloides.
40. U. Obovalis.
 Mass.
41. U. Torsus Raf.
42. U. Trapezoideus.
43. U. Orbiculatus Mess.
44. U. Plicatus.
45. U. ———
46. U. Metanevex Raf.
 Ohio.
47. U. Nigrum.
48. U. Formanis Lea.
 Ohio.

49. U. Cardium.
Mass. Co.
50. U. Cariosus.
Houston's R. Connecticut.
51. U. Securis Lea.
Ohio.
52. U. Ovatus.
Mass.
53. U. Crassus. Von de Busch.
Ohio.
54. U. (Alasmadonta) Marginata.
55. U. Orbiculatus.
Ohio.
56. U. Irroratus.
Ohio.
57. U. Rugosus Lea. Von de Busch.
Ohio.
58. U. Æsopus.
Ohio.
59. U. Foliatum. Von de Busch.
Ohio.
60. U. Perplexus.
Camb. R.
61. U. Circulus.
62. U. Circus Lea.
Ohio.

63. U. Margaritifera.
Alasmadon arcuata.
64. U. Cylindricus.
65. U. Oxidens Len.
Ohio.
66. U. Iris Lea.
- 66a. U. Decurvatus. Von de Busch.
Ohio.
67. U. Complanatus Say. Mr. Lea.
Schugkill (?)
68. U. Flavus.
69. U. Nasutus Say. Mr. Lea.
Schugkill.
70. U. Parvus. Von de Busch.
71. U. ———
Hunters R. N. S. W.
72. U. ———
New South Wales.
73. U. Pustulosus. Mr. Lea.
Ohio.
74. U. Rectus.
Camb. R.
75. Rostratus. Mr. Malherbe.
France.
76. U. Pictorum. Messrs. Malherbe & Strickland.
France, England.

77. U. Balanus. Von de Busch.
Germany.
78. U. Requierii. Mr. Malherbe.
France.
79. U. Caryathiacus. Zeigler.
Germany.
80. U. Dilatatus Say. Soc. Cab.
U. Gibosus? Barnes.
Ohio.
81. U. Anodontoides
U. Teres.
Mass.
82. U. Ochraceus. Mr. Lea.
Schuglkill.
83. U. ———
Vermont. Von de Busch.
- 83a. U. ———? Mr. MacLeod.
84. U. Margaritiferus.
85. U. Ziczac Len, Mr. Lea.
Ohio.
86. U. ——— Mr. Laidlay.
Bengal.

Gen. HYRIA LAM.

1. H. Avicularis Lam. Von de Busch.
Orinoco R.

Gen. ANODON CUVIER.

1. A. ——— Dr. Tonnere.
Shanghai.

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|----|--|-------------------------------------|
| 2. | A. Cygneus Drap.
<i>Germany.</i> | Von de Busch. |
| 3. | A. Anatinus Drap.
<i>France. England.</i> | Messrs. Malherbe and
Strickland. |
| 4. | A. Picinalis Nelson.
<i>Germany.</i> | Von de Busch. |
| 5. | A. Minimus.
<i>France.</i> | Mr. Malherbe. |
| 6. | A. Soleniformis B.
<i>Barhampooter R.</i> | |
| 7. | A. Javanus.
<i>Java.</i> | Von de Busch. |
| 8. | A. Ferussacianus.
<i>N. America.</i> | |
| 9. | A. Incertus.
<i>N. America.</i> | |

Fam. VII. CHAMIDÆ.

Gen. CHAMA. L.

- | | | |
|-----|---|---------------|
| 1. | C. Lazarus.
<i>Diego, Philippines.</i> | Mr. Lietard. |
| 2. | C. Spinosa Brod. (?)
<i>Antilles, Pacific Ocean.</i> | Von de Busch. |
| 3. | C. Fraguin (?)
<i>Australia, Philippines.</i> | Mr. Strange. |
| 4. | C. Carditæformis (var ?) | Soc. Cab. |
| 5a. | C. sp.
Perhaps a var. of C. Ruppellii, but no habitat is recorded. | |

6. *C. Lobata*.
China—also West Indies apud Broderip.
7. *C. sp.* E. L. Layard.
Ceylon.
8. *C. ———*
a. *Andamans.*
b. *————*

*Fam. IX. TRIDACNIDÆ.**Gen. TRIDACNA BRUGUIERE.*

1. *T. Elongata.* Mr. Abbot.
Van Dieman's Land.
2. *T. ———*
Andamans.
3. *T. Gigas.*
South Seas.
Single valves of this species sometimes weigh 250 lbs.
4. *T. Squamosa.*

Gen. HIPPOPUS LAMARCK.

1. *H. Maculatus.*

*Fam. X. CARDIADÆ.**Gen. CARDIUM, L.*

1. *C. Costatum* Lin. Soc. Cab.
W. Coast of Africa.

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|-----|---|-------------------|
| 2. | C. Echinatum.
<i>Montrose.</i> | A. Mitchell. |
| 3. | C. Multipunctatum Sow.
China. Philippines. | Soc. Cab. |
| 4a. | C. Rusticum Lin.
<i>C. Tuberculatum Chemn.</i>
Britain, Adriatic. | H. E. Strickland. |
| b. | Do. ? | Do. |
| 5. | C. Asiaticum Brug.
China. | E. L. Layard. |
| 6. | C. Fimbriatum Wood.
<i>Penang, China.</i> | Mr. Asphar. |
| 7. | C. Pennantii.
<i>C. Lævigatum Pen.</i>
Britain (Exmouth.) | |
| 8. | C. Muricatum Lin.
<i>Antilles.</i> | Von de Busch. |
| 9. | C. Unedo L.
Philippines. | Soc. Cab. |
| 10. | C. Lyratum Sow.
<i>Red Sea, Philippines.</i> | Mr. Lietard. |
| 11. | C. Edule.
Britain. | H. E. Strickland. |
| 12. | C. Cardissa.
Philippines. | E. C. Russel. |

13. C. n. s.
Near Hiulcum.
14. C. Tenuicostatum.
a. *Australia.* Mr. Strange.
b. *Van Dieman's Land.* Mr. Abbott.
15. C. Exiguum. H. E. Strickland.
Britain.
16. C. Pinnulatum Conrad.
Essex. Co. Massachussets.
17. C. Sp.
(near C. Impolitum.)
18. C. of E. L. Layard.
Ceylon.
19. C. Leucostoma.
Muscat.
20. C. Auricula. F. C. Russel.
Aden.
21. C. Fragum. Mr. Abbot.
Torres Straits.

Fam. X. LUCINIDÆ.

Gen. LUCINA BRUGUIER. E

1. L. Punctata (var?) L. Mr. Abbot.
Van Dieman's Land, Panama.
2. L. Jamaicensis Chemn.
Jamaica.

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|----|---|-----------------|
| 3. | L. Borealis L.
<i>L. Radula</i> Lam.
<i>Britain.</i> | Mr. Strickland. |
| 4. | L. Leucoma Turton.
<i>L. Lactea</i> Lam.
<i>Britain</i> | Mr. Strickland. |
| 5. | L. Columbella. | Soc. Cab. |
| 6. | L. Ovum, (var ?)
<i>Ceylon.</i> | E. L. Layard. |

Gen. CORBIS CUVIER.

- | | | |
|----|--------------------------------------|----------------------------|
| 1. | C. Fimbriata Cuv. | Messrs. Abbot and Tonnere. |
| | <i>Torres Straits, Tonga Island.</i> | |

Gen. DIPLODONTA BRONN.

- | | | |
|----|--------------------------|---------------|
| 1. | D. ———
Australia. | Mr. Strange. |
| 2. | D. ———
<i>Ceylon.</i> | E. L. Layard. |

*Fam. XII. CYCLADIDÆ.**Gen CYCLAS BRUGUIERE.*

- | | | |
|----|-------------------------------------|-------------------|
| 1. | C. Rivicola Lam.
<i>Britain.</i> | H. E. Strickland. |
| 2. | C. Lacustris.
<i>Britain.</i> | H. E. Strickland. |

3. *C. Cornea*. H. E. Strickland.
Britain.

Gen. PISIDIUM PFR.

1. *P. Parvulum* B. (?).
Calcutta.

Gen. CYRENA.

1. *C. Patina* B.
Calcutta (near).
2. *C. ———* W. Theobald, Jr.
Katiwar.

Gen. CORBICULA MUHLF.

1. *C. Cor.*
 a. *Calcutta.*
 b. *Candahar.* Capt. Hutton.
 c. *Chuppra.*
 d. *Assam.* Mr. Robinson.
 e. *Var Kasmeriana* Desh. W. Theobald, Jr.
Kashmir.
 f. *Purneah.*
2. *C. Occidens* B.
Moradabad.
3. *C. ———*
Calcutta.

Fam. XIII. CYPRINIDÆ.

Gen. CYPRINA LAMARCK.

1. *C. Islandica.* H. E. Strickland.
 a. *Britain.*
 b. *Masachussets.*

Gen. CIRCE SCHUMACHER.

- | | | |
|----|------------------------------|---------------|
| 1. | C. Gibbia. | E. L. Layard. |
| | a. <i>Ceylon.</i> | |
| | b. <i>Van Dieman's Land.</i> | Mr. Abbot. |
| 2. | C. Undatina. | Mr. Strange. |
| | <i>Australia.</i> | |
| 3. | C. Scripta. | Mr. Strange. |
| | <i>Australia.</i> | |
| 4. | C. Pectinata. | |
| | a. <i>Torres Straits.</i> | Mr. Abbot. |
| | b. <i>Mauritius.</i> | Mr. Lietard. |
| 5. | C. <i>Æquivoca</i> Chemn. | |
| | <i>Red Sea.</i> | |
| 6. | C. <i>Dispar</i> Chemn. | |
| | <i>Bay of Bengal.</i> | |
| 7. | C. <i>Australis</i> ? | |
- It is doubtful if this is more than a strongly marked variety of *C. Æquivoca*.

Gen. ASTARTE SOWERBY.

- | | |
|----|--|
| 1. | A. Castanea. |
| | <i>Massachussets, Arctic seas.</i> |
| 2. | A. <i>Intermedia</i> Sow, Jun. |
| | <i>North Europe. North America (?)</i> |

Gen. CRASSATELLA LAMARCK.

- | | | |
|----|---------------------------|------------|
| 1. | C. <i>Kingicola.</i> | Mr. Abbot. |
| | <i>Van Dieman's Land.</i> | |

2. C. Radiata.
 - a. *Bay of Bengal.* E. L. Layard.
 - b. *Ceylon.*

Gen. ISOCARDIA LAMARCK.

1. I. Lamarckii Reeve.
China.
2. I. Vulgaris. F. C. Russel, Esq.
China.

Gen. CYPRICARDIA LAMARCK.

1. C. Rostrata Lam.
Philippines. New Holland.
This shell was marked *C. Angulata*, but the colouring, if not faded, differs from that shell.
2. C. Tricarinata. ? (var Reeve)
Philippines.

Gen. CARDITA BRUGUIERE.

1. C. Antiquata L.
Ceylon.
2. C. Borealis Conrad.
Massachusetts.
3. C. Latum. W. Theobald, Jnr.
Katiwar.
4. C. Distorta Reeve. Capt. Hodges.
Muscat.
5. C. ———

Gen. VENERICARDIA LAMARCK.

1. *V. Australis.*

*Fam. XIV. VENERIDÆ.**Gen. VENUS. L.*

1. *V. Mercenaria, L.*
North America.
2. *V. Puerpera Lin.*
Muscat Philippines.
3. *V. Lamellata Lam.* Mr. Abbot.
Van Deiman's Land.
4. *V. Callosa Conrad.* - Mr. Hart.
New Zealand. Sandwich Isds. California.
5. *V. Lamarckii Gray.* E. L. Layard.
a. young Specimen. Type figured in Sowerby's Thesauruse
Ceylon.
b. Adult shells. Mr. Strange.
Australia.
In the smaller shells the rosy tint of the interior is visible. In adults this tint is obscured by an opaque enamel.
6. *V. Roborata Hanley.* Mr. Abbot.
Van Dieman's Land.
7. *V. Gallinula Lam.* Mr. Abbot.
Van Dieman's Land.
8. *V. Cancellata L.* Von de Busch.
Antilles.

9. *V. Squamosa* L. Dr. Tonnere.
Manilla.
10. *V. Rugosa* Gmel.
West Indies.
11. *V. Striatula* Da Costa. H. E. Strickland.
Britain.
12. *V. Cor* ? Sow. W. Theobald, Jnr.
Beyt. Island, Katiwar.
Probably the adult of the small shell figured by Sowerby.
13. *V. Albina* Sow.
China.
14. *V. Mercenaria* L. ?
15. *V. Granulata* *Geml* (?).
West Indies.
16. *V. Striatissima* Sow, Jr. Mr. Strange
Australia.
17. *V. Notata* Say.
V. Mercenaria var apud Sowerby.
Massachussets.
The propriety of uniting *V. Mercenaria* L. and *V. Notata* Say.
seems very doubtful, as the character and shape of the two shells
is very distinct.
18. *V. Flexuosa* L.
China.

Gen. CYTHEREA LAM.

1. *C. Chione* L.
Mediterranean.

2. C. Erycina L.
 a. Phillippines.
 b ? *Van Dieman's Land*. (Young ?) Mr. Abbot.
3. C. Lupinaria Lesson.
 Real Llejos. Central America.
 A small specimen, nearer in size to C. Dione, but the spines
 resembling C. Lupinaria. Locality not recorded.
4. C. Varians Hanley. Mr. Russel.
5. C. Convexa Say.
 Essex Co. Massachusetts.
6. C. Meretrix L. Mr. Abbot.
 a. *Red Sea*. Capt. Lewis.
 b. *Nicobars*.
7. C. Florida ? Lam. Messrs. Abbot and
 Van Dieman's Land. Strange.
 Probably a variety of V. Florida, of which the Habitat is
 unrecorded, though the shape does not quite correspond with
 Sowerby's figure. It somewhat resembles Venus Gallinula.
8. C. Maculata ? L.
 South America, Australia.
9. C. Varians. Hanley (??)
 Locality unknown. The Museum shell is probably from the
 Eastern Seas.

Gen. MEROE SCHUM.

1. M. Picta Schum. E. L. Layard.
 Ceylon.
2. M. Scripta L.
 Bay of Bengal.

Gen. ARTEMIS POLI.

1. *A. Dunkeri* (?) Phil.
Marked *A. Tomentosa*, a name not contained in Reeve's
Monograph.
2. *A. Exoleta* L. H. Strickland.
Britain.
3. *A. Chinensis* Lam.
China Seas.
4. *A. Cærulea* ? Reeve. Dr. Tonnere.
Torres Straits.
No locality recorded for the Museum specimen.
5. *A. Lineta* Pulteney. Mr. Mitchel.
Venus Sinuata Turton.
Scotland.
6. *A. ———* Mr. Asphar.
Penang.
7. *A. Amphides moides* Reeve. W. Theobald, Jnr.
Katiwar.
10. *A. Strangei* N. S. Mr. Strange.
Australia.

Gen. TAPES. MUHLFELDT.

1. *T. Papilionacea* Lam.
Ceylon.
2. *T. Turgida* Lam. Mr. Strange.
a. *Australia.*
b. ? *Bay of Bengal.*

3. T. Literata Chem. Mr. Abbot.
Torres Straits.
4. T. Rimosa Philippi. Mr. Asphar.
Singapore China.
A remarkable character in this shell are the sulci, which are not parallel, but form a small angle with the ventral margin.
5. T. Flammiculata. Lam. Mr. Hart.
New Zealand, Australia.
6. T. Malabarica Chemn.
Bay of Bengal, Moluccas.
7. T. Lirata Philippi ?
Muscat.
Probably a var of this species or else of T. Aspersa Lam.
8. T. Pullastra Word. Messrs. Strickland and
Britain. Mitchell.
9. T. Decussata. L. F. W. Russel.
Britain.
10. T. Textilis Gmel. Mr. Strange.
a. *Australia.*
b. —————
c. *Bombay.* W. Theobald, Jnr.
Used largely for food.
11. T. Fumigata Sow., Jn. Mr. Strange.
Australia.
12. T. Lævigata Sow. Jnr. Mr. Abbot.
T. Fumigata Sow.
Australia.

This shell seems only a var of the last.

- | | | |
|-----|----------------------------|-------------------|
| 13. | T. Aurea Gmel. | H. E. Strickland. |
| | <i>Britain.</i> | |
| 14. | T. Pinguis Chem. | W. Theobald, Jr. |
| | <i>Ceylon, West Coast.</i> | |
| 15. | T. ——— | Mr. Strange. |
| | <i>Australia.</i> | |
| 16. | T. ——— | W. Theobald, Jr. |
| | <i>Katiwar.</i> | |
| 17. | T. ——— | Mr. Strange. |
| | <i>Australia.</i> | |

Gen. VENERUPIS. LAMARCK.

- | | | |
|----|-----------------------------|--------------|
| 1. | V. crenata Lam. | Mr. Strange. |
| | <i>Australia.</i> | |
| 2. | V. Rugosa. Desh (?) | Mr. Asphar. |
| | <i>Penang. Swan River.</i> | |
| 3. | V. Insignis. Desh (?) | Mr. Asphar. |
| | <i>Penang. New Zealand.</i> | |

Gen. PETRICOLA. LAMARCK.

- | | |
|----|---------------------------------|
| 1. | P. Pholadiformis Lam. |
| | <i>Essex Co. Massachusetts.</i> |

Fam. XV. MACTRIDÆ

Gen. MACTRA. L.

- | | |
|----|-----------------------|
| 1. | M. Solidissima Chem. |
| | <i>Massachusetts.</i> |

2. *M. Maculata* Chem.
Torres Straits, Philippines.
3. *M. Tumida* Chem.
M. Turgida Gmel.
West Indies.
4. *M. Stultorum* L. H. E. Strickland,
Britain.
5. *M. Sulcataria* var Desh ?
Marked *M. Turgida*, but nearer the above species.
6. *M. sp.* ——— E. L. Layard.
Ceylon.
7. *M. Complanata* ?
Indian Ocean.
8. *M. Hians* Phil. (?)
Philippines.

Gen. GNATHODON GRAY.

1. *G. Cuneatus* Gray.
New Orleans.

Gen. LUTRARIA LAMARCK.

1. *L. Elliptica* Lam. Mr. Mitchell.
Montrose.

*Fam. XVI. TELLINIDÆ.**Gen. TELLINA L.*

1. *T. Virgata* L. Mr. Abbot.
Torres Straits.

2. T. Jubar Sow. Mr. Abbot.
T. Virgata L.
 Torres Straits.

A closely allied species, if not a variety, of the last.

3. T. Scobinata L.
 Philippines.

4. T. Lingua—felis L. Mr. Russel.
 Philippines.

5. T. Foliacea L.
 Moulccas.

Easily recognised by the peculiarly roughened area behind the umbonal ridge in the right valve.

6. T. Rugosa Born. Dr. Tonnere.
Opolu Navigator's Islands.

7. T. Solidula Pulteney. Messrs. H. E. Strickland
 a. *Britain.* and Mitchell.
 b. *Montrose.*

8. T. Vulsella Chem. Mr. MacLeod.
 Philippines.

9. T. Lanceolata Chem. Mr. MacLeod.
 Philippines.

10. T. Planissima (?) Anton.
Bay of Bengal.

11. T. Fausta Denovan.
Antilles.

12. T. Rostrata L. Mr. Russell.
 Philippines.

Perhaps approaches nearer the closely allied T. Deshayesii Sow.

13. *T. Ovalis* Sow. Mr. MacLeod.
Moluccas.
14. *T. Splendida* Anton.
Bay of Bengal.
Easily recognised by its peculiar sculpture.
15. *T. Deltoidalis* Lam. Mr. Strange.
a. *Australia.*
b. *Bay of Bengal.* E. L. Layard.
Both these shells seem merely varieties of the same species.
16. *T. Galathæa* Lam.
China.
17. *T. Fabula* Gmel. Mr. Mitchel.
Britain.
18. *T. Tenuis* Da Costa. Messrs Strickland and
Britain. Mitchell.
19. *T. Radiata* L.
West Indies.
20. *T. Princeps* Hanley.
Peru.
21. *T. Radiata* L.
West Indies.
22. *T. Inæqualis* Hanley. W. Theobald, Jr.
Katiwar. Ceylon.
23. *T. Pristis* Lam. W. Theobald, Jur.
Katiwar. Australia.
24. *T. Fusca* Say sp.
Essex Co. Massachusetts.

25. T. Lilium Hanley. Mr. Strange.
Australia, Philippines.

Gen. CAPSULA SCHUMACHER.

1. C. Rugosa. Lam sp.
Venus Defflorata. L.
 a. *St. Diego*. Mr. Lietard.
 b. *Torres Straits*. Mr. Abbot.
 c. *Nicobars*. Capt. Lewis.
 d. *Wally Isd.* Dr. Tonniere.

Gen PSAMMOBIA LAMARCK.

1. P. Tripartita. Desh. E. L. Layard.
Ceylon.
 2. P. Menkeana Reeve. (?) Mr. Strange.
Australia.

This shell is probably a variety of the species figured by Reeve, though not exactly coinciding.

Gen. SOLETELLINA BLAINVILLE.

1. S. Diphos L.
Solen Diphos L.
Sanguinolaria diphos.
Psammobia rostrata Deshayes.
Soletellina radiata Blainville.
Coasts of India.
 2. S. Atrata var. Desh. E. L. Layard.
Ceylon, Philippines.
 The Ceylon shell is probably a marked variety of S. Atrata approaching to the closely allied species (variety ?)
 S. Siliqua from New Zealand.

3. *S. Nitida* Gray. Mr. Hart.
New Zealand.
4. *S. Nymphalis*. Desh. Mr. Strange.
Australia.
5. *S. Orbiculata* Word sp. Mr. Asphar.
Penang.

Gen. CAPSELLA DESCHAYES.

1. *C.* Mr. Abbot.
Van Dieman's Land.

Appears to be an undescribed species of *Capsella* near *C. Solida*.
The right valve is notably more convex than the left.

2. *C.* Mr. Abbot.
Van Dieman's Land.

Gen. SEMELE SCHUMACHER.

1. *S. ———* Messrs. Asphar and Theobald.
Penang Katiwar.

Gen. SCROBICULARIA SCHUMACHER.

1. *S. Piperata* Gmel sp. H. E. Strickland.
Trigonella plana De. Costa.
Macra Listeri Auctorum.
Lutraria Compressa Lamarch.
Lunaria Plana Megerle.
Mya Hispanica Chem.
Venus Borealis Pennant.
Britain.

Gen. MESODESMA DESHAYES.

1. *M. Arctata*. Conrad.
Essex Co. Massachussets.

2. M. Heterodon Desh. Mr. Abbot.
Van Dieman's Land. N. W. Australia.
3. M. Lanceolata Desh. Messrs. Abbot and
Strange.
Van Dieman's Land. N. W. Australia.
4. Glabrata Lam. Dr. Tonnere,
Australia.
5. M. ———
(*Erycina* Lam. 1818.)
6. M. ——— Dr. Tonnere.
Torres Straits.
7. M. ——— ?
Very near M. Ovalis Desh.

Gen. AMPHIDESMA LAMARCK.

1. A. Reticulata Sow.
West Indies.

Gen. DONAX L.

1. D. Scortum L.
Cape of Good Hope.
2. D. Deltoides Lam. Mr. Strange,
Australia.
3. D. Ticaonica Hanley. Mr. MacLeod.
Bay of Bengal Philippines.
4. D. Cayennensis Lam.
Panama.

- | | | |
|----|---------------------------------------|-------------------|
| 5. | D. Trunculus L.
Britain. | H. E. Strickland. |
| 6. | D. Transversa Sow.
<i>Katiwar.</i> | W. Theobald, Jnr. |
| 7. | D. Dysoni Desh.
<i>Katiwar.</i> | W. Theobald, Jnr. |

Gen. CAPSA LAM. 1818.

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|----|------------------------------------|---------------|
| 1. | C. Lævigata Lam.
<i>Brazil.</i> | Von de Busch. |
| 2. | C. ——— | |
| 3. | C. Brasiliensis. | |

*Fam. XVII. SOLENIDÆ.**Gen. SOLEN. L.*

- | | | |
|----|---|-------------------------------------|
| 1. | S. Siliqua L.
<i>Britain.</i> | Messrs. Strickland and
Mitchell. |
| 2. | S. Ensis L.
a. <i>Britain.</i>
b. <i>Massachussets.</i> | Messrs. Strickland and
Mitchell. |
| 3. | S. Vagina L.
<i>Britain.</i> | Mr. Strickland. |
| 4. | S. ———
<i>Australia.</i> | Mr. Strange. |
| 5. | T. Ceylonensis.
<i>Bay of Bengal.</i> | Mr. MacLeod. |

Gen. CERATISOLEN FORBES.

1. C. Legumen L. Mr. Strickland.
Britain.

Gen. MACHÆRA GOULD.

1. M. Polita Wood.
Bay of Bengal.
2. M. Nitida.
Newfoundland.
3. M. Costata Gould.
Essex Co. Massachusetts.

Gen. SOLECURTUS BLAINVILLE.

1. S. Antiquatus.

Gen. NOVACULINA BENSON.

1. N. Gangetica B.
a *Calcutta.*
b *Tenasserim River.* W. Theobald, Jnr.

Fam. XVIII. MYACIDÆ.*Gen.* MYA LINNÆUS.

1. M. Arenaria L. H. E. Strickland.
Britain.
2. M. Truncata L. H. E. Strickland.
Britain.
b. *Montrose* (with siphonal tube.) Mr. Mitchell.

Gen. CORBULA BRUGUIERE.

1. *C. Labiata* Maton sp.

Singapore.

Marked *C. Labiata*, but approaches *C. Ustulata* in form.

2. *C. Crassa* Hind.

Mr. Strange.

Australia.

3. *C. Pallida* var (?) Hinds.

Mr. Hart.

New Zealand.

Very possibly a new species, but may be merely a small variety of the above shell.

4. *C. Nucleus* Lam.

Tellina Gibba Olivi.

Mya inæquivalvis Montague.

European seas.

This is probably a British specimen. Those from the Mediterranean being rather smaller.

Gen. GLYCIMERIS LAMARCK.

1. *G. Siliqua* Chemnitz.

Newfoundland.

*Fam. XIX. ANATINIDÆ.**Gen. ANATINA LAMARCK.*

1. *A. ———*

Australia.

2. *A. ———*

Mr. Abbot.

Van Dieman's Land.

3. *A. Lucerna.*

4. A. ——— Mr. Strange.
Australia.

Gen. THRACIA BLAINVILLE.

1. T. Conradii.
Chelsea Beaches, Massachusetts.
2. T. Pubescens. Mr. Mitchell.
Montrose.

Gen. LYONSIA TURTON, 1822. (*Not of R. Brown.*)

1. L. ———

Gen. PANDORA BRUGUEIRE.

1. P. Margaritacea.

Gen. MYADORA GRAY.

1. M. Striata Desh. Mr. Hart.
New Zealand.
2. M. Brevis Stutchbury. Mr. Strange.
Australia.
3. M. ——— Mr. Strange.
Australia.

Gen. MYOPIAMA STUTCHBURY.

1. M. Anomioides Stutch. Mr. Strange.
Port Jackson.
Attached to *Trigonia Pectinata.*

Gen. CHAMOSTREA ROISSY.

1. C. Abida. Lam sp. Mr. Strange.
New South Wales.

Fam. XX. GASTROCHÆNIDÆ.*Gen.* ASPERGILLUM LAMARCK.

1. A. Vaginiferum Lam. E. L. Layard.
Ceylon.

Fam. PHOLADIDÆ.*Gen.* PHOLAS. L.

1. P. Orientalis. Gmel. Capt. Halsted.
Persian Gulf.
2. P. Parva Pennant.
Britain.
3. P. Dactylus L. H. E. Strickland.
Britain.
4. P. Candida Lam.
Britain.
5. P. Australasiæ Gray (?) W. Theobald, Jnr.
Katiwar.
6. P. ———
Perhaps a variety of the last. Locality unknown.

7. P. Multistriata Sow.

W. Theobald, Jnr.

*Katiwar.**Gen.* TEREDO ADANSON.

1. T. ———

Probably from the Hugli.

A D D E N D A

13. *S. Mauritianus* Lam. (Strombus.)
13. *T. Retusus* Lam. (Triton.)
Ceylon.
5. *T. Smaragdula*. (Turbinella.)
Andamans.
17. *B. Anglicanum* Martin. (Buccinum.)
9. *B. Rubiginosum* (Bandless var.)
33. *C. Capitaneus* L. (Conus.)
C. Glans (var) Hwass.
14. *M. Amphorella*. (Mitra.)
21. *C. Lamarckii* Gray. (Cypræa.)
41. *C. Cylindrica* (var) Born.
44. *C. Ovula* Lam.
6. *C. Lepida*.
Leyhorn.
14. *N. Melanostomoides* Quoy. (Natica.)
23. *N. Filosa* (var) Sow. Mr. Asphar.
Penang.
9. *N. Lamarckiana* Recluz.
1. *S. Blainvillii*. (Sigaretus.)
9. *T. Sinuata* Reeve. (Turritella.)
10. *T. Rosea* (var) Quoy et Gaimard.
1. *S. Anguina*. (Siliquaria.)
8. *P. Tentaculata*. (Paludina.) H. E. Strickland.
Britain.

23. N. Perrottetii. (Neritina.) Messrs. Blanford.
 Nilghiris.
9. H. Semistriata Reeve. (Haliotis.)
68. H. Trochiformis Fer. (Helix.)
- H. Nitidiuscula Sow.
- H. Retrorsa Gould. W. Theobald, Jnr.
 Tenasserim Provinces.
- H. Ornatissima Bens. Capt. Sherwill.
 Darjiling.
- H. Orobia Bens. Messrs. Blanford.
 Darjiling.
- H. Cysis Bens. Messrs. Blanford.
 Nilghiris.
- H. Madraspatana Gray. Messrs. Blanford.
 Southern India, Kolumullies.
- H. Thyreus Bens. Messrs. Blanford.
 Nilghiris.
- H. Bistrialis Beck. *Southern India.*
- H. Solata Bens. Messrs. Blanford.
 Nilghiris.
- H. Ruginosa Fer. Messrs. Blanford.
 Salem.
- H. Vitrinoides.
 India generally.
- H. Helferi Benson.
 Port Blair, Andamans.

II. Tranquebarica. <i>Southern India.</i>	Messrs. Blanford.
II. Cyclaspis Benson. <i>Moulmein.</i>	W. Theobald, Jnr.
II. Guerini Pfr. <i>Nilghiris.</i>	Messrs. Blanford.
II. Pinacis Benson (dwarf.) <i>Darjiling.</i>	W. T. Blanford.
II. Pilidion Benson. <i>Pegu.</i>	Capt. Berdmore.
H. Cacuminifera B. <i>Nilghiris.</i>	W. T. Blanford.
H. Indica, Pfr <i>Nilghiris.</i>	W. T. Blanford.
H. Retifera, B. <i>Nilghiris.</i>	W. T. Blanford.
A. Orobia, B. (Achatina.) <i>Darjiling.</i>	W. T. Blanford.
A. Crassula, B. <i>Darjiling.</i>	W. T. Blanford.
A. Mullorum W. T. Blanford. <i>Madras.</i>	W. T. Blanford.
B. Andamanensis Benson (Bulimus.) <i>Andamans.</i>	

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| B. | Mavortius Reeve. | Messrs. Blanford. |
| | <i>Koimbatoor.</i> | |
| B. | Niligiricus, Pfr. | W. T. Blanford. |
| | <i>Nilghiris.</i> | |
| P. | Stenopylis B. (Pupa,) | W. T. Blanford. |
| | <i>Darjiling.</i> | |
| 3. | A. Dactylus Benson. (Auricula.) | |
| | C. Filocinctus B. (Cyclotus.) | W. T. Blanford. |
| | <i>Nilghiris.</i> | |
| | C Malabaricus, Blanf. | W. T. Blanford. |
| | <i>Nilghiris.</i> | |
| 5. | D. Pullula Bneson. (Diplommatina.) | |
| 9. | A. Urnula Benson. (Alycæus) | W. T. Blanford. |
| | <i>Darjiling.</i> | |
| 6. | A. Bembex Benson. | W. F. Blanford. |
| | <i>Darjiling.</i> | |
| 7. | A. Stylifer Benson. | W. T. Blanford. |
| | <i>Darjiling.</i> | |
| 8. | A. Crenulatus Benson. | W. T. Blanford. |
| | <i>Darjiling.</i> | |
| 9. | A. Plectocheilus Benson. | W. T. Blanford. |
| | <i>Darjiling.</i> | |
| 10. | A. Expatriatus, Blanf. | W. T. Blanford. |
| | <i>Nilghiris.</i> | |

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| P. Peguensis Benson (Pupina.)
<i>Pegu.</i> | Capt. Berdmore. |
| C. Flavilabris Benson (Cyclophorus.)
<i>Pegu.</i> | Capt. Berdmore. |
| 9. C. Tuba. Sow.
<i>Malacca ?</i> | |
| 4. C. Alabastrinus.
<i>Ceylon ?</i> | |
| C. Cæloconus Benson.
<i>Nilghiris.</i> | W. T. Blanford. |
| C. Apiæ Benson.
<i>Upolu.</i> | Dr. Tonnerre. |
| 1. T. Josephinæ Adams. (Trochatella)
<i>Jamaica.</i> | W. T. Blanford. |
| 2. T. Pulchella Gray.
<i>Jamaica.</i> | W. T. Blanford. |
| 1. L. Aureola Fer. (sp.) (Lucidella) | W. T. Blanford. |
| 2. L. Granulate.
<i>Jamaica.</i> | W. T. Blanford. |
| 2. H. Andamanensis Benson. (Helicina.)
<i>Andamans.</i> | |
| 1. A. Palliata Adams. (Alcadia)
<i>Jamaica.</i> | W. T. Blanford. |

THE HINDU

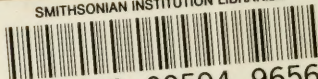
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